



REPUBLIC OF TURKEY  
HALAL ACCREDITATION AGENCY

## HALAL ACCREDITATION CERTIFICATE

### Laboratory Performing Halal Testing

REPUBLIC OF TÜRKİYE  
MINISTRY OF AGRICULTURE AND FORESTRY  
İSTANBUL FOOD CONTROL LABORATORY DIRECTORATE

Address : Florya Caddesi No:78 Şenlikköy Florya / İSTANBUL

Accredited in accordance with the OIC/SMIIC 35:2020  
Standard for the attached scope.

Halal Accreditation Number

**2022-012**

Halal Accreditation Scope

**Show in annex**

Initial Halal Accreditation Date

**15.02.2022**

Expiry Date

**15.02.2027**

This certificate is valid with the halal accreditation scope until the expiry date, as long as the laboratory fully complies with the OIC/SMIIC 35:2020 Standard, national legislation and Halal Accreditation Agency rules.

A blue ink signature of Zafer SOYLU, which appears to read "Zafer SOYLU".

Zafer SOYLU  
Chairman of the Board



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Food additives and supplements	Analysis of Sum of dioxins (WHO-PCDD/ F-TEQ), Sum of dioxins and dioxin-like PCBs (WHOPCDD/F-PCBTEQ)  Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 (ICES - 6)  HR GCMS Method	EPA 1613, EPA1668B
Feed and Feed additives	Analysis of Sum of dioxins (WHO-PCDD/ F-TEQ), Sum of dioxins and dioxin-like PCBs (WHOPCDD/F-PCBTEQ)  Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 (ICES - 6)  HR GCMS Method	TS EN 16215
Food, Feed, Seed	GMO Screening Analysis (p35S,tNOS, bar gene, pFMV)  Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method "İGKLM.AT.10.02", ISO 24276, ISO 21569, EUR 24526 EN  Kit Method (Roche MagNA Pure 96  DNA and Viral NA Small Volume Kit  Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Soybean Event MON 89788  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT- EVE-GM-006), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571

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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Soybean Event A2704-12  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-004), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Soybean Event MON 40-3-2  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-005), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event MON 89034  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-018), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event MON 810  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-020), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571





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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Maize Event MIR 604  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-013), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event DAS 59122  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-012), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event Bt11  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM- 015),ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event MON 863  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-009), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571

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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Maize Event MON 88017 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-016), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event NK603 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-008), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event TC 1507 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-010), ISO 21570, ISO 24276 Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event GA21 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-014), ISO 21570, ISO 24276 Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571





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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Maize Event Bt176 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-023), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Potato Event EH92-527-1 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ST-001), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Cotton Event LLCotton25 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-002), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Sugarbeet Event H7-1 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BV-001), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571

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## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Cotton Event MON 531 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-004), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Cotton Event MON 1445 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-003), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Cotton Event MON 15985 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-005), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Oilseed Rape Event Ms8 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-002), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571





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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Oilseed Rape Rf3 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-003), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Oilseed Rape RT73 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-004), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Oilseed Rape Event T45 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-001), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection of Taxon Specific Soybean Gene  Pretreatment:DNA Extraction	EURL Method (QT-TAX-GM-002), ISO 21569, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571

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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection of Taxon Specific Maize Gene  Pretreatment:DNA Extraction	EURL Method (QT-TAX-ZM-002), ISO 21569, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection of Taxon Specific Sugarbeet Gene  Pretreatment:DNA Extraction	EURL Method (QT-TAX-BV-013), ISO 21569, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection of Taxon Specific Oilseed Rape Gene  Pretreatment:DNA Extraction	EURL Method (QT-TAX-BN-012), ISO 21569, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection of Taxon Specific Cotton Gene  Pretreatment:DNA Extraction	EURL Method (QT-TAX-GH-015), ISO 21569, ISO 24276  Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure, ISO 21571



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection of Taxon Specific Potato Gene Pretreatment:DNA Extraction	EURL Method (QT-TAX-ST-010), ISO 21569, ISO 24276 Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Soybean Event DP-356043-5 Real Time PCR Method  Ön İşlem: DNA Ekstraksiyonu	EURL Method (QT-EVE-GM-009), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Soybean Event A5547-127 Ön İşlem: DNA Ekstraksiyonu	EURL Method (QT-EVE-GM-007), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Soybean Event MON 87701 Real Time PCR Method  Ön İşlem: DNA Ekstraksiyonu	EURL Method (QT-EVE-GM-010), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571





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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Maize Event T25 Real Time PCR Method  Ön İşlem: DNA Ekstraksiyonu	EURL Method (QT-EVE-ZM-011), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event 3272 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-019), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Maize Event MIR162 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-022), ISO 21570, ISO 24276 Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Cotton Event 281-24-236 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-001a), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571

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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Cotton Event 3006-210-23 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-001b), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Cotton Event GHB614 Real Time PCR Method  Ön İşlem: DNA Ekstraksiyonu	EURL Method (QT-EVE-GH-006), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Oilseed Rape Event Ms1 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-005), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Oilseed Rape Event Topas 19/2 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-008), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571





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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food, Feed, Seed	Detection and Quantification of Soybean Event CV127 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-011), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Soybean Event DP-305423-1 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-008), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food, Feed, Seed	Detection and Quantification of Soybean Event MON87705 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-003), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Soybean Event MON87708 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-012), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571

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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Soybean Event MON87769 Real Time PCR Method Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-002), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Maize Event MON87460 Real Time PCR Method Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-005), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Oilseed Rape Event MON88302 Real Time PCR Method Pretreatment:DNA Extraction	EURL Method (QT-EVE-BN-010), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Cotton Event MON88913 Real Time PCR Method Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-007), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Cotton Event T304-40 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-009), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed	Detection of pork ( <i>Sus scrofa</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method "İGKLM.AT.10.33"  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure))
Food Feed	Detection of chicken ( <i>Gallus gallus</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method "İGKLM.AT.10.05"  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of horse ( <i>Equus caballus</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method "İGKLM.AT.10.34"  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of donkey ( <i>Equus asinus</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method "İGKLM.AT.10.34"  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed	Detection of sheep ( <i>Ovis aries</i> )	In-house Method "İGKLM.AT.10.35"
	Real Time PCR Method	
	Pretreatment:DNA Extraction	Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of goat ( <i>Capra hircus</i> )	In-house Method "İGKLM.AT.10.35"
	Real Time PCR Method	
	Pretreatment:DNA Extraction	Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of turkey ( <i>Meleagris gallopavo</i> )	In-house Method "İGKLM.AT.10.06"
	Real Time PCR Method	
	Pretreatment:DNA Extraction	Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of cattle ( <i>Bos taurus</i> )	In-house Method "İGKLM.AT.10.07"
	Real Time PCR Method	
	Pretreatment:DNA Extraction	Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food, Feed, Seed	Detection and Quantification of Soybean Event FG72  Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-001),  ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Maize Event MON 87427 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-003), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Maize Event DAS-40278-9 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-004), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Cotton Event GHB119 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GH-008), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection of Taxon Specific Rice Gene  Pretreatment:DNA Extraction	EURL Method (QT-TAX-OS-017), ISO 21569, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Rice Event LLRice62  Real Time PCR Method Pretreatment:DNA Extraction	EURL Method (QT-EVE-OS-002), ISO 21570, ISO 24276 Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Soybean Event DAS-68416-4 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-013), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Soybean Event DAS-81419-2 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-014), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Soybean Event DAS-44406-6 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-015), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Soybean Event MON87751-7 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-GM-016), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Maize Event 5307 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-002), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Maize Event MON87411 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-024), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Maize Event MON87403 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-025), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed Seed	Detection and Quantification of Maize Event 4114 Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-026), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed Seed	Detection and Quantification of Maize Event MZHGOJG Real Time PCR Method  Pretreatment:DNA Extraction	EURL Method (QT-EVE-ZM-027), ISO 21570, ISO 24276  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure), ISO 21571
Food Feed	Detection of carp fish ( <i>Cyprinus caprio</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method “İGKL.AT.10.63”  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of seabass ( <i>Dicentrarchus labrax</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method “İGKL.AT.10.64”  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of sea bream ( <i>Sparus aurata</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method “İGKL.AT.10.65”  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food Feed	Detection of rainbow trout ( <i>Oncorhynchus mykiss</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method “İGKL.AT.10.66”  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of atlantic salmon ( <i>Salmo salar</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method “İGKL.AT.10.67”  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food Feed	Detection of brown trout ( <i>Salmo trutta</i> ) Real Time PCR Method  Pretreatment:DNA Extraction	In-house Method “İGKL.AT.10.68”  Kit Method (Roche MagNA Pure 96 DNA and Viral NA Small Volume Kit Procedure)
Food,feed, environmental samples	Enumeration of Mesophillic aerobic bacteria Pour Plate Technique	ISO 4833-1
Food,Feed	Enumeration of Coliforms Colony Count Technique	ISO 4832
Food,Feed	Enumeration of <i>Coliform bacteria</i> and <i>E.colib</i> y MPN technique	FDA BAM Chapter 4
Food,Feed	Enumeration of yeast and mold Colony Count Technique	ISO 21527-1 ISO 21527-2
Food,Feed, environmental samples	Detection of <i>Salmonella spp</i>	ISO 6579-1 AOAC 2013-02 Dupont Bax System
Food,Feed	Enumeration of Coagulase positive <i>Staphylococci</i> ( <i>Staphylococcus aureus</i> and other species) Colony Count Technique	ISO 6888-1



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Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food,Feed	Detection of <i>Listeria spp</i>	ISO 11290-1
Food,Feed	Detection of <i>Listeria monocytogenes</i>	ISO 11290-1 AOAC 2013-12
Food,Feed	Detection of <i>E.coli O157:H7</i>	FDA BAM Chapter 4A Dupont BAX system
Food,Feed	Detection of <i>E.coli O157</i>	ISO 16654
Food,Feed, environmental samples	Enumeration of <i>E.coli</i> by colony count technique	ISO 16649-2
Food,Feed	Enumeration of <i>Clostridium perfringens</i> Colony Count Technique	ISO 7937
Food,Feed	Enumeration of <i>Enterobacteriaceae</i> by MPN technique	ISO 21528-1
Food,Feed	Detection of Thermotolerant <i>Campylobacter spp.</i>	ISO 10272-1
Food,Feed	Enumeration of Sulphit Reducing Bacteria Colony Count Technique	Dupont BAX System ISO 15213
Food,Feed	Enumeration of <i>Escherichia coli</i> by MPN technique	ISO 16649-3 ISO 7251
Food,Feed	Enumeration of <i>Enterobacteriaceae</i> Colony Count Technique	ISO 21528-2
Food,Feed	Detection of <i>Cronobacter spp</i>	ISO/TS 22964 (IDF/RM 210) Dupont BAX System
Food,Feed	Enumeration of <i>Bacillus cereus</i> Colony Count Technique	ISO 7932
Food,Feed	Detection of <i>Vibrio cholerae</i> and <i>Vibrioparahaemolyticus</i>	ISO/TS 21872-1
Food,Feed	Detection of yeast and mold	Dupont BAX System
Food,Feed	Detection of Staphylococcal enterotoxins	EU-RL Europea Screening Method Ver.5
Salmonella isolates	<i>Salmonella Typhimurium</i> and <i>Salmonella Enteritidis</i> serotyping	ISO 6579-3



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Meat species identification	Detection of Poultry, beef, sheep, horse in meat	Elisa-Tek, Cooked Species Identification Test Prosedure
Marine mollusks	Determination of PSP group biotoxins (STX,NEO,Dc-STX,GTX 1-4,GTX 2-3, C1-C2, dcGTX2-3, dc Neo,Gtx 5)  HPLC Method	AOAC.2005.06
Marine mollusks	Determination of DSP group biotoxins (Okadaik Acid: OA, DTX1,DTX 2),  Azaspirazides (AZA 1,AZA 2,AZA 3)  Yessotoxins (YTX, h-YTX)  LC-MS/MS Method	EU Un.Ref.Lab.For Marine Biotoxins EU  Har. Std.Opr. Proc.For Det Of Lipophilic Mar.Biotox in Molluscs by LC-MSMS Ver 4
Marine mollusks	Determination of ASP group biotoxins (Domoic Asid )  LC-MS/MS Method	EU Un.Ref.Lab.For Marine Biotoxins EU  Har. Std.Opr. Proc.For Det Of ASP Toxins in Moluscs By UPLC-MS Ver 1
Marine mollusks	Determination of Biotoxins (DSP group) (PTX-2)  LC-MS/MS Method	Europen Union Rerference Laboratory For Marine Biotoxins,EU Harmonised Standart Operating Procedure for determination of Lipophilic marine biotoxins in molluscs by LC MS/MS Version 4,july 2011
Fish and Fish Products	Determination of Histamin  LC-MS/MS Method	J.Of Agricultural and Food Chemistry,60,5324-5329



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Cereals,legumes and their products	Determination of MultiMycotoxin (Aflatoxin B1,B2,G1,G2,TotalAflatoxin,Ochratoxin A) LC-MS/MS Method	In-house Method "İGKL.AT.07.31" (Modified from Development and validation of a liquid chromatography tandem mass spectrometric method for the determination of 39 mycotoxins in wheat and maize, Rapid Communications in Mass Spectrometry; 20:2649-2659.)
Red Pepper	Determination of Multi Mycotoxin (Aflatoxin B1,B2,G1,G2,Total Aflatoxin,Ochratoxin A) LC-MS/MS Method	In-house Method "İGKL.AT.07.34" (Modified from Development and validation of a Quechers based liquid chromatography tandem mass spectrometry method for the determination of multiple mycotoxins in spices, J.Of ChrA, 1297)
Nuts,oily seeds and their products	Determination of MultiMycotoxin (Aflatoxin B1,B2,G1,G2,Total Aflatoxin) LC-MS/MS Method	In-house Method "İGKL.AT.07.31" (Modified from Development and validation of a liquid chromatography tandem mass spectrometric method for the determination of 39 mycotoxins in wheat and maize, Rapid Communications in Mass Spectrometry; 20:2649-2659)



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Nuts,oily seeds,cereals and their products	Determination of Aflatoxin B1 ve Total Aflatoxin (B1+B2+G1+G2)  HPLC Method	AOAC 991.31
Dried Fruits,Red Pepper and their pruducts	Determination of Aflatoxin B1 ve Total Aflatoxin (B1+B2+G1+G2)  HPLC Method	AOAC 999.07
Feed (Mixed)	Determination of Aflatoxin B1 ve Total Aflatoxin (B1+B2+G1+G2)  HPLC Method	AOAC 2003.02
Herbal Teas (Except for Green Tea and Black Tea)	Determination of Aflatoxin B1 ve Total Aflatoxin (B1+B2+G1+G2)  HPLC Method	R-Biopharm Turmeric Aflatoxin Ext. Method
Milk and Milk Powder	Determination of Aflatoxin M1  HPLC Method	ISO 14501
Cheese and cheese species	Determination of Aflatoksin M1  HPLC Method	In-house method “İGKL.AT.07.17” (Modified from J.of Chromotography 474, 457-461)
Barley	Determination of Ochratoxin A  HPLC Method	AOAC 2000.03
Dried Fruits	Determination of Ochratoxin A  HPLC Method	VICAM-Procedure for Currants and Raisins
Apple juice, apple vinegar,apple sauce	Determination of Patulin  HPLC Method	In-house method “İGKL.AT.07.21” (Modified from AOAC 2002.02)
Cereals, legumes and their products	Determination of Zearelanon  HPLC Method	JAOAC Vol.84,No 5



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Cereals, legumes and their products	Determination of Multi Mycotoxin (Aflatoxin B1,B2,G1,G2,Ochratoxin A,Deoksinivalenol,Zearelenon,Fumonisın B1,Fumonisın B2,T-2 Toxin,HT-2 Toxin)  LC-MS/MS Method	In-house method “İGKL.AT.07.39” (Modified from Multi Component Mycotoxşn Analysis Using LC/MS/MS, Agilent App:00394)
Feed	Determination of Multi Mycotoxin (Aflatoksin B1, ,Ochratoxin A, Deoksinivalenol, Zearelenon, Fumonisın B1, Fumonisın B2,T-2 Toksin,HT-2 Toksin)  LC-MS/MS Method	In house method “İGKL.AT.07.41” (Modified from Multi Component Mycotoxşn Analysis Using LC/MS/MS, Agilent App:00394)
Rice and rice-containing products	Determination of Citrinin  LC-MS/MS Method	In house method “İGKL.AT.07.40” (Modified from Multi Component Mycotoxşn Analysis Using LC/MS/MS, Agilent App:00394)
Spices,Herbal Teas and honey	Determination of Pyrrolizidine Alkaloids  (Echimidine(Em) , echimidine-N-oxide(EmN) , erucifoline(Er) ,erucifoline-N-oxide(ErN) , europine (Eu), europine-N-oxide (EuN),heliotrine (Hn),heliotrine-N-oxide(HnN),intermedine (Im), intermedine-N-oxide (ImN), jacobine (Jb), jacobine-N-oxide(JbN) , lasiocarpine (Lc) , lasiocarpine-N-oxide (LcN), lycopsamine (La), lycopsamine-N-oxide (LaN), monocrotaline (Mc), monocrotaline-N-oxide (McN), retrorsine (Re), retrorsine-N-oxide (ReN), senecionine (Sc), senecionine-N-oxide (ScN) , seneciphyline (Sp), seneciphyline-N-oxide (SpN), senecivernine (Sv), senecivernine-N-oxide (SvN),senkirkine (Sk), trichodesmine (Td))  UHPLC-MS/MS Method	In house method “İGKL.AT.07.45/00” (Modified from 5991-7301EN application note)



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Meat and Meat Products	Detection of Internal Organ and Foreign Tissue Histological Method	TS 13511
Food	Determination of Benzoic Acid and Sorbic Acid HPLC-UV/DAD Method	NMKL 124
Food	Determination of Acesulfame-K and Saccharine HPLC-UV/DAD Method	JAOAC Vol:76 No:2
Food	Determination of Aspartame HPLC-UV/DAD Method	NMKL 142
Meat and Meat Products	Determination of Starch Enzymatic Method	TS ISO 13965
Food (Except for products that naturally contain sulfur dioxide in their structure.)	Determination of Sulfur dioxide (SO <sub>2</sub> ) Titrimetric Method	AOAC 962.16
Vegetables	Analysis of Nitrate HPLC-UV/DAD Method	NMKL 165
Honey	C13/C12 Ratio and %C4 Determination EA-IRMS Method	AOAC 998.12
Food (Except for products that naturally contain sulfur dioxide in their structure.)	Determination of Sulfur dioxide (SO <sub>2</sub> ) Distillation Method	AOAC 962.16
Food	Determination of PHB (Methyl, Ethyl and Propyl P-Hydroxybenzoate) HPLC-DAD Method	In-house Method “İGKL.AT.04.04/Rev No:00” (Modified from NMKL 124)
Spices, Meat and Meat Products	Determination of Monosodium Glutamate (As glutamic acid) Spectrophotometric Method	In-house Method “İGKL.AT.04.10/Rev No:01” (Modified from TS 6811 ISO 4134, R-Biopharm)



**ANNEX**  
**HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Energy Drink	Determination of Taurine LC-MS/MS Method	In-house Method “İGKL.AT.04.13/Rev No:00” (Modified from Simultaneous determination of taurine, glucuronolactone and glucuronic acid in energy drinks by ultra high performance liquid chromatography-tandem mass spectrometry (triple quadrupole), Journal of Chromatography A, 1364 (2014) 303-307)
Red Pepper	Determination of Sudan Dyes (Dimethyl Yellow, (Sudan Yellow), Fast Garnet GBC, Rhodamine B, Sudan I, Sudan II, Sudan III, Sudan IV, Sudan Orange G, Sudan Red 7B, Sudan Red B, Sudan Red G, Sudan Black B)  LC-MS/MS Method	In-house Method "İGKL.AT.04.60/Rev No:07" (Modified from LC-MS Determination of Sudan Dyes in Chili Oleoresin Waters Application Note, AB Sciex. Quantitation and Identification of 13 azo- dyes in spices using LC- MS/MS)
Honey	Determination of Sugar Composition (Fructose, Glucose, Saccharose)  HPLC-RID Method	AOAC 980.13
Honey	Determination of HMF Spectrophotometric Method	IHC 5.2
Honey	Determination of Diastase Number Spectrophotometric Method	IHC 6.2
Food and Feed	Determination of Protein Dumas Method	AOAC 992.15



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Meat and Meat Products	Determination of Fat Acid Hydrolysis Method	TS 1744
Fruit and Vegetable Products, Vinegar	Determination of Total Acidity	TS 1125 ISO 750
Feed	Determination of Raw Ash	TS ISO 5894
Feed	Determination of Crude Cellulose	TS 324
Feed	Determination OF Crude Oil Acid Hydrolysis Method	In-house Method “İGKL.AT.03.109” (Modified from TS 1744)
Cheeses	Determination of Fat Content Van Gulik Method	TS ISO 3433
Yoghurt	Determination of Fat	TS 1330
Butter	Determination of Fat	Determination of fat in butter By Gerber Method FAO Laboratory Manual
Milk and Milk Products	Searching for non-milk fat GC-FID Method	TS EN ISO 17678, (EC) No Directive 273/2008
Soft Drinks	Determination of ethyl alcohol GC-FID Method	AOAC 984.14
Tea, coffee, soft drinks	Determination of Caffeine HPLC-UV/DAD Method	JAOAC Vol.76 No.2
Tea	Determination of Total Ash	TS 1564
Ground Cocoa	Determination of Total Ash	TS 3076/1
Cereals and Cereal Products	Determination of Total Ash	AOAC 923.03
Animal and	Fatty Acids Methyl Esters Composition	2014-53
Vegetable Fats and Oils	GC-FID Method (Determination of Fatty Acids Composition (Including Methyl Esters, Erucic Acid, Total Saturated Fatty Acids, Total Unsaturated	TS EN ISO 12966-1-2-4



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Animal and Vegetable Fats and Oils	Fatty Acids, Total Monounsaturated Fatty Acids, Total Polyunsaturated Fatty Acids, Total Trans Fatty Acids) (Butyric Acid (C4:0), Caproic Acid (C6:0), Caprylic Acid (C8:0), Capric Acid (C10:0), Undecanoic Acid (C11:0), Lauric Acid (C12:0), Tridecanoic Acid (C13:0), Myristic Acid ( C14:0), Myristoleic Acid (C14:1), Pentadecanoic Acid (C15:0), cis-10-pentadecenoic Acid (C15:1), Palmitic Acid (C16:0), Palmitoleic Acid (C16:1), Heptadecanoic Acid (C17:0), cis-10-Heptadecenoic Acid (C17:1), Stearic Acid (C18:0), Oleic Acid (C18:1n9c), Elaidic Acid (C18:1n9t), Linoleic Acid (C18:2n6c) , Linolelaidic Acid (C18:2n6t), Gamma-Linolenic Acid (C18:3n6), Alpha Linolenic Acid (C18:3n3), Arachidic Acid (C20:0), cis-11-Eicosenoic Acid (C20:1n9), cis-11,14-Eicosadienoic Acid (C20:2), cis-8,11,14-Eicosatrienoic Acid (C20:3n6), cis-11,14,17-Eicosatrienoic Acid (C20:3n3), Arachidonic Acid t (C20:4n6), cis-5,8,11,14,17 Eicosapentaenoic Acid (C20:5n3), Heneicosanoic Acid (C21:0), Behenic Acid (C22:0), Erucic Acid (C22:1n9), cis-13,16-Docosadienoic Acid (C22:2), cis-4,7,10,13,16,19-Docosahexaenoic Acid (C22:6n3), Trichosanoic Acid (C23:0), Lignoceric Acid (C24:0 ), Nervonic Acid (C24:1n9)]	2014-53 TS EN ISO 12966-1-2-4



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Animal and Vegetable Fats and Oils	Determination of free fatty acidity	TS EN ISO 660
Animal and Vegetable Fats and Oils	Determination of Trans fatty acids (C 18:1 Trans , C 18:2 Trans , C 18:3 Trans) GC-FID Method	TGK 2014/53 TS EN ISO 12966-1-2-4
Energy drinks	Determination of alcohol by volume Alkolyzer Device Method	Consleg 2000R2870-Method B S. 12-13
Meat and Meat Products	pH Determination Potentiometric Method	TS 3136 ISO 2917
Fruit and Vegetable Products	pH Determination Potentiometric Method	TS 1728 ISO 1842
Fruit and Vegetable Juices	pH Determination Potentiometric Method	TS EN 1132
Meat and Meat Products	Moisture Determination	TS 1743 ISO 1442
Tea	Moisture Determination	TS 1562
Roasted and Granulated coffee	Moisture Determination	TS ISO 11294
Granulated Cocoa	Moisture Determination	TS 3076-1
Cocoa Beans	Moisture Determination	TS ISO 2451
Grain and Grain Products	Moisture Determination	TS EN ISO 712
Milk Powder	Moisture Determination	TS 1329
Coffee Beans	Moisture Determination	TS 2314
Instant Coffee	Moisture Determination	TS ISO 3726
Fruit and Vegetable Juices	Determination of Water-Soluble Solids Content (Brix) Refractometric Method	TS EN 12143
Fruit and Vegetable Products	Determination of Soluble Solids Content (Brix) Refractometric Method	TS ISO 2173
Feed	Determination of Moisture and Dry Matter	Official Gazette No. 29955 (Regulation on Sampling and Analysis Methods for Official Control of The Feed)



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Honey	Determination of Moisture Refractometric Method	AOAC 969.38
Cheeses	Determination of Total Dry matter	TS EN ISO 5534
Animal and Vegetable Fats and Oils	Determination of Refractive Index	TS EN ISO 6320
Etheric Oils	Determination of Refractive Index	TS ISO 280
Tomato Paste and Puree	Determination of Water-Soluble Solids Content	TS 1466
Sugar and Sugar Products, Syrups	Determination of Soluble Solids Content	AOAC 932.14
Honey	Determination of electrical conductivity	IHC,2009
Food contact material	Overall migration analysis  Test methods for  'substitute tests'-using test media iso-octane and 95 % ethanol- by article filling	EN 1186-14
Food contact material	Overall migration analysis  Test methods for  'substitute tests'-using test media iso-octane and 95 % ethanol- by total immersion	EN 1186-14
Food contact material	Overall migration analysis  Test methods for  overall migration into aqueous food simulants by article filling	EN 1186-9
Food contact material	Overall migration analysis  Test methods for  overall migration into aqueous food simulants by total immersion	EN 1186-3
Food contact material	Specific migration  Bisphenol A-2, 2,-bis (4-hydroxyphenyl) propane analysis	EN 14372
Food contact material	Overall migration analysis  (MPPO)-Plastic	TS EN 1186-13-Method B
Food contact material	Overall migration analysis  (MPPO)-Paper	EN 14338





## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food contact material	Structure analysis FT-IR Method	Internal Method "İGKL.AT.09.05" (Modified by Sadler Library Polymers vol.2 Hummel Poylmer Sample Library)
Food contact material	Specific migration Phthalate analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Benzyl butyl phthalate (BBP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Dibutyl phthalate (DBP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Di-n-octyl phthalate (DNOP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Bis(2-ethylhexyl) phthalate (DEHP) = di(2- ethylhexyl) phthalate analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Diisobutyl phthalate (DIBP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.

## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food contact material	Diethyl phthalate (DEP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Diisodecylphthalate (DIDP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Diisononylphthalate (DINP) analysis	TS EN 13130-1 TS EN 14372 Food. An.Met.
Food contact material	Specific migration PAA analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	4-Aminobiphenyl (4-ABP) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	Aniline (ANL) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	o-Anisidine (o-ASD) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	Benzidine (BNZ) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	4-Chloro-Aniline (4-CA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.



## **ANNEX** **HALAL ACCREDITATION SCOPE**

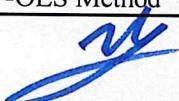
Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food contact material	4-Chloro-o-Toluidine (4-CoT) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	2,4-Dimethylaniline(2,4-DMA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	2,6-Dimethylaniline (2,6-DMA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	4,4-Diaminodiphenylether (4,4'-DPE) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	4,4'-Methylenedianiline (4,4'-MDA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	4,4-Methylenedi-o-toluidine (4,4'-MDOT) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	2-Methoxy-5-Methylaniline (2-M-5-MA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	m-Phenylenediamine (m-PDA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.
Food contact material	p-Phenylenediamine (p-PDA) analysis	TS EN 13130-1 TS EN 24815 Food. An.Met.



## ANNEX

### HALAL ACCREDITATION SCOPE

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food contact material	4-Methoxy-m-phenylenediamine (4-M-mPDA) analysis	TS EN 13130-1  TS EN 24815  Food. An.Met.
Food contact material	o-Toluidine (o-T) analysis	TS EN 13130-1  TS EN 24815  Food. An.Met.
Food contact material	2,4-Toluenediamine (2,4-TDA) analysis	TS EN 13130-1  TS EN 24815  Food. An.Met.
Food contact material	2,6-Toluenediamine (2,6-TDA) analysis	TS EN 13130-1  TS EN 24815  Food. An.Met.
Food contact material	3,3-Dimethylbenzidine (3,3-DMB) analysis	TS EN 13130-1  TS EN 24815  Food. An.Met.
Food contact material	2,4,5-Trimethylaniline (2,4,5-TMA) analysis	TS EN 13130-1  TS EN 24815  Food. An.Met.
Food contact material	Specific migration Formaldehyd analysis	EN 13130-1  EN 24815  Food. An.Met.
Food	Arsenic (As), Lead (Pb), Cadmium (Cd), and Mercury (Hg)  ICP-MS Method	TS EN 15763
Food	Tin (Sn)  ICP-MS Method	NMKL 191
Feed	Arsenic (As), Lead (Pb), Cadmium (Cd), and Mercury (Hg)  ICP-OES Method	in-house Method (IGKL.08.17/05)



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Feed	Arsenic (As), Lead (Pb), Cadmium (Cd), and Mercury (Hg)  ICP-MS Method	in-house Method  (IGKL.08.17/05)
Food Contact  Plastic Material	Antimony (Sb), Barium (Ba), Cadmium (Cd), Cobalt (Co), Copper (Cu), Iron (Fe), Lithium (Li), Manganese (Mn), Zinc (Zn), Aluminium (Al), Nickel (Ni), Europium (Eu), Gadolinium (Gd), Lanthanum (La), and Terbium (Tb)  ICP-MS Method	EN 13130-1
Bivalve mollusks, fresh, chilled or frozen, smoked	Polycyclic Aromatic Hydrocarbon  Benzo(A)pyrene (BaP), Benzo(A)anthracene(BaA), Benzo(B)fluoranthene (BbF), Chrysene(Chr)  HPLC Method	Internal Method  IGKL.AT.05.19 (ISO 15753 2006-09-01 Animal and vegetable fatsand oils-determination of polycyclic aromatic hydrocarbons(modified)  Analysis of Polycyclic Aromatic Hydrocarbons in Fishwith Agilent Bond Elut Quechers AOAC Kit and HPLC-FLD
Infant and Young Child Supplementary Food, Infant Formulas and Follow-Up Formulas, (Including Infant Milk and Follow-Up Milk)	Anthracene (Ant), Fluoranthene (Fln), Pyrene (Pyr), Benzo(A)anthracene(BaA), Chrysene(Chr), 5-Methylchrysene (5-MChr), Benzo(B)fluoranthene (BbF), Benzo(K)fluoranthene (BkF), Benzo(A)pyrene (BaP), Dibenzo(AL)pyrene (DaIP), Dibenzo(AH)anthracene (DahA), Benzo(GHI)perylene(Bghi)  HPLC Method	IGKL.AT.05.19 (ISO 15753 Animal and vegetable fatsand oils-determination of polycyclic aromatic hydrocarbons(modified)





## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Food (High Water Content Products)	<p>Detection and Quantification Analysis of Some Selected Pesticides</p> <p>LC-MSMS Method -(413 pieces)-</p> <p>Acephate; Acetamiprid; Acetochlor; Acibenzolar-S-Methyl; Alachlor; Aldicarb; Aldicarb Sulfone; Aldicarb Sulfoxide; Allethrin; Ametoctradin; Ametryn; Aminocarb; Amisulbrom; Amitraz; Anilazin; Anilofos; Asulam; Atraton; Atrazine; Azaconazole; Azinphos-ethyl; Azinphos-methyl; Aziprotryn; Azoxystrobin; Beflubutamid; Benalaxyl; Benalaxyl-M; Bendiocarb; Benfurucarb; Bensulfuron methyl; Bentazone; Bifenazate; Bioresmethrin; Bispyribac sodium ; Bitertanol; Bixafen; Boscalid; Bromacil; Bromfenvinphos-methyl; Bromoxynil; Bupirimate; Buprofezin; Butocarboxim; Butocarboxim-sulfoxide; Butoxycarboxim; Butralin; Buturon; Cadusafos; Carbaryl; Carbendazim; Carbetamide; Carbofuran; Carbofuran- 3-hydroxy; Carbophenothion; Carboxin; Carfentrazone Ethyl; Chlopyrifos-oxon; Chlorbromuron; Chlordimeform; Chlorethoxyfos; Chlorfenvinphos; Chlorfluazuron; Chlqidazon; Chlorotoluron; Chloroxuron; Chlorphoxim; Chlorpyrifos; Chlorsulfuron; Chlorthiophos; Clethodim; Climbazole; Clodinafop-propyl; Clofentezine; Clomazone; Clothianidin; Coumaphos; Crimidine; Cyanazine; Cyazofamid; Cyclanilide; Cycloate; Cycloxydim; Cyflufenamid; Cymoxanil; Cyproconazole; Cyprodinil; Dazomet; Deet; Demeton-S-methyl-sulfone; Demeton-S-methyl-sulfoxide; Desmedipham; Desmethyl-Formamido-Pirimicarb; Desmethyl-Pirimicarb; Desmetryn; Diafenthuron; Dialifos; Diazinon; Dichlofenton; Dichlofluanid; Dicrotophos; Diethofencarb;</p>	AOAC 2007.01

## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	Difenoconazol; Difenoquat-Methyl Sulfate; Diflubenzuron; Diflufenican; Dimefox; Dimefuron; Dimethachlor; Dimethenamid; Dimethenamid-P; Dimethoate;	
	Dimethomorph; Dimoxystrobin; Dinitramine; Dinobuton; Dinocap; Dinoseb; Diphenamid; Dipropetryn; Disulfoton-Sulfone; Disulfoton-Sulfoxide; Ditalimfos; Diuron; Dodine; Edifenphos; Emamectin-Benzoate; EPN; Epoxiconazole; Ethametsulfuron-methyl; Ethiofencarb; Ethiofencarb-sulfone; Ethiofencarb-sulfoxide; Ethion; Ethofumasate; Ethoprophos; Ethoxyquin; Ethoxysulfuron; Etafenprox; Etoxazole; Etrimfos; Famoxadone; Famphur; Fenamidone; Fenamiphos; Fenamiphos-Sulfone; Fenamiphos-Sulfoxide; Fenarimol; Fenazaquin; Fenbuconazole; Fenbutatin oxide; Fenchlorphos Oxon; Fenhexamid; Fenobucarb; Fenoxaprop; Fenoxaprop Ethyl; Fenoxaprop-P; Fenoxaprop-P-ethyl; Fenoxycarb;	

## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	Fenpiclonil; Fenprophathrin; Fenpropidine; Fenpropirimorph; Fenpyroximate; Fensulfothion; Fenthin-chloride; Fenthin-hydroxide; Fenthin-oxide; Fenthion; Fenthion-sulfone; Fenthion-Sulfoxide; Fenuron; Fipronil; Fipronil-sulfone; Flamprop-Isopropyl; Flamprop-Methyl; Flazasulfuron; Fluazifop; Fluazifop-P-Butyl; Fluazinam; Flubendiamide; Flubenzimine; Fludioxonil; Flufenacet; Flufenoxuron; Flumetsulam; Fluometuron; Fluopicolide; Fluopyram; Fluoxastrobin; Fluquinconazole; Fluridone; Flurochloridone; Fluroxypyrr; Fluroxypyrr-methyl; Flurprimidol;	
	Flurtamone; Flusilazole; Fluthiacet-methyl; Flutolanil; Flutriafol; Fluxapyroxad; Fonofos; Foramsulfuran; Forchlorfenuron; Formetanate-hydrochloride; Formothion; Fosthiazate; Fuberidazole; Furathiocarb; Halosulfuron-methyl;	



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	Haloxyfop; Haloxyfop-2-Ethoxyethyl; Haloxyfop-Methyl; Hexaflumuron; Hexazinone; Hexythiazox; Imazalil; Imazamethabenz-methyl; Imazosulfuron; Imidacloprid; Indoxacarb; Iodosulfuron-methylsodium; Ioxynil; Ioxynil-methyl; Ioxynil-octanoate; Ipconazole; ISO-Malathion; Isopyrazam; Isoxaben; Isoxaflutole; iprovalicarb; isazofos; isoprocarb; Isoprotron; Kresoxim Methyl; Lenacil; Linuron; Lufenuron; Malaoxon; MandopropamidMecarbam; Mephosfolan; Mepronil; Meptyldinocap-p-phenol; Metabromuron; Metalaxylyl; Metalaxylyl-M; Metazaclor; Metconazole; Methabenzthiazuron; Methamidophos; Methamidophos-N-Methyl; Methamitron; Methanimidamide(N-2,4-Dimethyl-n-methylformamide); Methidathion; Methiocarb; Methiocarb-sulfone; Methiocarb-sulfoxide; Metholachlor-S; Methomyl; Methoxifenozone; Methoxuron; Metolachlor; Metolcarb; Metominostrobin-E-; Metosulam; Metrafenone; Metribuzin; Metsulfuron-methyl; Mevinphos; Molinate; Monocrotophos; Myclobutanyl; Napropamide; Neburon; Nicosulfuron; Nitralin; Norflurazon; Novaluron; Nuarimol; Ofurace;	



**ANNEX**  
**HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	Omethoate; Orthosulfamuron; Oxadiazon; Oxadixyl; Oxamyl; Oxasulfuronil; Paclobutrazol; Paraoxon-Ethyl; Paraoxon-Methyl; Pebulate; Penconazol; Pencycuron; Pendimethalin; Phenmedipham; Phenthroate; Phorate Sulfone; Phorate Sulfoxide; Phosalone; Phosfolan; Phoshamidon; Phosmet; Phtalimide; Picolinafen; Picoxystrobin; Pinoxaden; Piperophos; Pirimicarb; Pirimiphos-Ethyl; Pirimiphos-Methyl; Potasan; Prochloraz; Profenofos; Profoxydim; Promecarb; Prometon; Prometryn; Propachlor; Propamocarb free base; Propamocarbydrochloride; Propanil; Propaquazafop; Propargite; Propazine; Propetamfos; Propham; Propiconazole; Propisochlor; Propoxur; Propylene-thiourea; Propyzamide; Prosulfocarb; Prosulfuron; Prothioconazole; Prothifos; Pymetrozine; Pyraclostrobin; Pyraflufen Ethyl; Pyrazophos; Pyridaben; Pyridaphenthion; Pyridate; Pyrimethanil; Pyriproxyfen; Pyroxslam; Quinalphos	
	Quinomethionate; Quinoxifen; Quizalofop-Ethyl; Rimsulfuron; Rotenone; Sethoxydim; Simazine; Simetryn; Spinetoram; Spinosad A; Spinosad B; Spirodiclofen; Spirotetramat; Spiroxamine;	





## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	Sulfosulfuron; Sulfotep; Sulprofos; Tau-fluvalinate; Tebuconazole; Tebufenozide; Tebufenpyrad; Tebupirimfos; Tebuthiuron; Teflubenzuron; Tepraloxymid; Terbufos-sulfone; Terbufos-Sulfoxide; Terbumeton; Terbutylazine; Terbutylazine-2-hydroxy; Terbutylazine-desethyl; Terbutryn; Tetrachlorvinfos; Tetraconazole; Thiabendazole; Thiaclopyrd; Thiamethoxam; Thiazopyr; Thidiazuron; Thifensulfuron-methyl; Thiobencarb; Thiodicarb; Thiofanox-sulfone; Thiofanox-sulfoxide; Thionazin; Thiophanate-methyl; Tolfenpyrad; Tolyfluanid; Tralkoxydim; Triadimefon; Triadimenol; Triasulfuron; Triazophos; Tribenuron-methyl; Tribufos; Trichlorfon; Tricyclazole; Trifloxystrobin; Triflumizole; Triflumuron; Trimethacarb(2,3,5-); Trimethacarb(3,4,5-); Triticonazole; Tritosulfuron; Vamidathion; Z-Metominostrobin; Zoxamide	
Food (High Water Content Products)	Detection and Quantification Analysis of Some Selected Pesticides  GC-MS/MS Method (175 pieces )  1,1-dichloro-2,2-bis (4-ethylphenyl) ethane (Perthane) ;  2,4,6-Trichlorophenol; 2,4,6-Trichlorophenol acetate; 2,4-Dimethylphenylformamide(N); 2,4- DB;	AOAC 2007.01

## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	<p>2,4-Dimetylaniline; 2-Phenylphenol; 3,4-Dichloroaniline; 3,5-Dichloroaniline;</p> <p>4,4-Dichlorabenzophenone; Aclonifen; Acrinathrin; Aldrin; Amidosulfuron; Aramite; Azobenzene; Benfluralin; Bifenox; Bifenthrin; Biphenyl; Bromfenvinphos; Bromophos; Bromophos-ethyl; Bromopropylate; Bromoxynil-heptanoate; Bromoxynil-methyl ether; Bromuconazole; Butylate; Captan; Chlorantraniliprole; Chlorathal-dimethyl; Chlorbenside; Chlorbufam; Chlordane-cis (alpha); Chlordane-trans (gamma); Chlordecone; Chlordene; Chlorfenapyr; Chlorfenprop-methyl; Chlorfenson; Chlorflurenol; Chlorflurenol-methyl ester; Chlormefos; Chlorobenzilate; Chloropehenprop-Methyl; Chloropropylate; Chlorpropham; Chlorpyrifos Methyl; Chlorthiamid; Chlozolinate; Cinidon-ethyl; Cyanofenphos; Cyanophos; Cyfluthrin ; Cyhalofop-butyl; Cyhalothrin (lambda);</p> <p>Cypermethrin alpha; Cypermethrin beta; Cypermethrin zeta; DDD, o,p'-; DDD, p,p'-; DDE, o,p'-; DDE, p,p'-; DDT, o,p'-; DDT, p,p'-; Deltamethrin; Demeton(O+S);</p> <p>Demeton-S; Demeton-S- methyl; Di-allate ; Dichlobenyl; Dichlorvos; Diclofop methyl; Dicloran; Dicofol; Dieldrin; Diniconazole; Dioxabenzofo; Dioxacarb; Diphenylamine; Disulfoton; E-Mevinphos; Endosulfan (alpha isomer); Endosulfan (beta isomer); Endosulfan sulfate; Endrin; Endrin ketone; EPTC; Esfenvalerate; Etaconazole; Ethalfluralin; Ethofumesate, 2-keto-;</p>	



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	Etridiazole(Terrazole); Fenchlorphos; Fenitrothion; Fenson; Fenuron; Fenvalerate ; Fluacrypyrim; Flucythrinate ; Flumetralin; Flumioxazin; Flupyrulfuron-methyl sodium; Flurenol; Formothion; Furalaxy; Halfenprox; HCH alpha isomer; HCH beta isomer; HCH delta isomer; HCH gama isomer; Heptachlor; Heptachlor epoxide; Heptachlor exo-epoxide isomer B; Heptenophos; Hexabromobenzene; Hexachlor-1-3butadiene; Hexachlorobenzene; Hexaconazole; Iodofenphos (Jodfenphos); Iprobenfos; Iprodione; Isocarbophos; Isodrin; Isofenphos; Isofenphos-des-N-isopropyl; Isopropalin; Leptophos; Malathion; MCPB-Ethyl ester; MCPB-methyl; Mefenpyr-diethyl; Mepanipyrim; Methacrifos; Methoxychlor; Mirex; Monolinuron; Naphthol-1; Nicotine; Nitrofen; Oxadiargyl; Oxyfluorfen; Parathion ethyl; Parathion methyl; Pentachloroaniline; Pentachloroanisole; Pentachlorobenzene; Pentanochlor; Permethrin-cis; Permethrin-trans; Pethoxamid; Phorate; Procymidone; Propanil; Proquinazid; Pyridalyl; Pyrimedifen; Quintozene; Resmethrin; Spiromesifen; Tecnazene; Tefluthrin, cis-; Terbufos; Tetradifon; Tetrahydrophthalimide, cis-1,2,3,6-; Tetramethrin; Tetrasul; Thiometon; Tolclofos-methyl; Tralomethrin; Tri-allate; Trichloronate; Triclopyr-methyl; Trifluralin; Vinclozolin	
Food (High Water Content Products)	Analysis of Pesticide Residues of the Dithiocarbamates Group GC Method  Dithiocarbamates,(Maneb,Mancozeb,Metiram, Propineb, Thiram ,Ziram;in terms of CS2)	J.Agric Food Chem.2001



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
Feed/Products with high starch and/or protein and low water and fat content	<p>Detection and Quantification Analysis of Some Selected Pesticides in Feed Products GC-MSMS Method</p> <p>HCH-alpha isomer; Hexachlorobenzene; HCH beta isomer; HCH delta isomer; HCH gama isomer; Heptachlor; Aldrin; Heptachlor exo-epoxide isomer B; Heptachlor epoxide; Chlordane-trans (gamma); DDE, o,p; Endosulfan (alpha isomer); Chlordane-cis (alpha); DDE, p,p'; DDD, o,p; Dieldrin; Endosulfan (beta isomer); Endrin; DDD, p,p; DDT, o,p; DDT, p,p; Endrin ketone; Endosulfan sulfate</p>	AOAC 2007.01
Herbal Product Compositions, Food Supplements, Energy Drinks, Herbal Tea, Herbal, Coffee Products, Herbal Paste, Soft Drinks, Chocolate	<p>Active Pharmaceutical Substance / Search for Active Pharmaceutical Compound</p> <p>LC-MS Q Exactive (Orbitrap)</p> <p><b>Drugs used for Aphrodisiac Effects (20 pieces)</b></p> <p>Sildenafil; Acetildenafil; Dimethyl sildenafil; Homosildenafil; Hydroxyhomosildenafil; Hydroxythiohomosildenafil; Thiomosildenafil; Thiosildenafil; Thiodimethylsildenafil (Thioalildenafil); Tadalafil; Verdenafil; Yohimbine; Hydroxychlorodenafil; Avanafil; Fondenafil; Nitrodenafil; Sildenafil amid; Propoxyphenil thiohydroxyhomo sildenafil; Propoxyphenil homohydroxy sildenafil; Benzyl sildenafil</p> <p><b>Drugs used for Weight Loss (8 pieces)</b></p> <p>Sibutramine; Desmethylsibutramine; Didesmethylsibutramine; (N,NDidemethyl)-1-Hydroxy-Sibutramine; Homosibutramine; Benzylsibutramine; Chlorosibutramine; 2,4-Dinitrofenol</p>	Internal Method "IGKL.AT.07.45/Rev.00" (Modified from UHPLC/MS/MS application note 5991-7301EN)



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	<p><b>Central Nervous System Effective Drugs (4 pieces)</b> Amphetamine; Ephedrine; Pseudoephedrine; Norpseudoephedrine (Cathine)</p> <p><b>Drugs used for Antihistamine Purposes (1 pieces)</b> Chlorpheniramine</p> <p><b>Drugs Used for Antidiuretic Purposes (2 pieces)</b> Furosemide; Hydrochlorothiazide</p> <p><b>Drugs Used for Antimicrobial Purposes (1 pieces)</b> Natamycin (pimaricin)</p> <p><b>Drugs used for Pain Relief and Rheumatic Purposes (11 pieces)</b> Ibuprofen; Paracetamol; Phenylbutazone; Diclofenac acid; Mefenamik acid; Metamizole; Salicylic acid; Indomethacin; Ketoprofen; Naproxene; Phenacetin</p> <p><b>Drugs Used for Antispasmodic Purposes (2 pieces)</b> Atropine; Scopolamine</p> <p><b>Corticosteroids (5 pieces)</b> Methylprednisolone; Betamethasone; Dexamethasone; Triamcinolone; Prednisolone</p> <p><b>Beta Agonists (1 pieces)</b> Clenbuterol</p>	



## **ANNEX** **HALAL ACCREDITATION SCOPE**

Testing Fields-Tested Materials/ Products	Name of Test	Testing Method (national, international standards, in-house methods)
	<p><b>H2 Receptor Blockers (1 pieces)</b> Omeprazole</p> <p><b>Drugs used for Regulating Blood Sugar (9 pieces)</b> Rosiglitazone; Glipizide; Repaglinide; Gliclazide; Metformin; Glibenclamide (Glyburide); Phenformin; Glimepride; Tolbutamide</p> <p><b>Drugs for Regulating Cardiovascular and Blood Pressure (24 pieces)</b> Hydralazine; Lisinopril; Clonidine; Triamterene; Minoxidil; Metoprolol; Prazosin; Phentolamine; Benazepril; Chlortalidone; Amlodipine; Valsartan; Nitrendipine; Felodipine; Quinidine; Verapamil; Labetalol; Carvedilol; Nifedipine; Dobutamine; Captopril; Enalapril; Ramipril; Digitoxin</p> <p><b>Cannabinoids (6 pieces)</b> Cannabigerol; Cannabinol; Cannabidiol; Tetrahydrokannabinol (Delta_tetrahydrocannabinol); Tetrahydrocannabinolic acid; Cannabidiolic acid</p> <p><b>Drugs used for Regulating Cholesterol (7 pieces)</b> Simvastatin; Mevastatin; Lovastatin; Fluvastatin; Rosuvastatin; Atorvastatin; Pitavastatin</p> <p><b>Serotonin Inhibitors (8 pieces)</b> Zimeldine; Fluoxetine; Sertraline; Paroxetine; Dapoxetine; Citalopram; Fluvoksamine; D,L- Venlafaksinin</p>	