

Halal-compliance in laboratories:
IZU's experience with the
OIC/SMIIC 35:2020 and
TS ISO/IEC 17025:2017 standards

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**Halal R&D Center
Research and Application Laboratories**

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Halal R&D Center Research and Application Laboratories



Halal R&D Center Research and Application Laboratories



Sample Preparation Laboratory



Sample Preparation Laboratory



Chromatography Laboratory - 1



Chromatography Laboratory - 2



Spectroscopy Laboratory - 1



Microbiology Laboratory



Molecular Biology and Genetic Laboratory



Proficiency Test Reports

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FCOH1-DRA2	3109	15/10/2018	Beverage	29	Mr Bilal Cakir	Download Report
FCFA7-DRN29	03145	11/09/2018	Soft Drink	91	Mr Bilal Cakir	Download Report
FCMA2-NUT6	04341	22/08/2018	Hazelnut (Water/Nut Slurry)	79	Mr Bilal Cakir	Download Report
FCNC4-CCP15	2478	22/08/2018	Cereal	56	Mr Bilal Cakir	Download Report
FCNV5-INF10	21110	20/07/2018	Infant Formula	113	Mr Bilal Cakir	Download Report
FCNV4-INF15	21109	13/06/2018	Powdered Baby Food	18	Mr Bilal Cakir	Download Report
FCAC1-MRP2	3108	08/06/2018	Beef	27	Mr Bilal Cakir	Download Report
FCAA3-MRP14	2977	31/05/2018	Chicken	41	Mr Bilal Cakir	Download Report
FCNV9-CCP13	21108	25/04/2018	Breakfast Cereal	45	Mr Bilal Cakir	Download Report

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Proficiency Test Reports



Fapas® – Food Chemistry Proficiency Test Report 3109

Halal Compliances – Alcohol in Orange Juice

August-October 2018

Food Chem. Report 3109

Table 1: Results and Assessments Test Material A

laboratory number	analyte			
	alcohol (ethanol)			
	TMA – expected result, detected			
	qualitative result	quantitative result % alcohol by volume	LoD % alcohol by volume	assessment
021	Detected	0.06	0.0006	S
022	Detected	0.05	0.01	S
023	Detected	0.050	0.005	S
024	Not Detected	<0.1	<0.1	NS
025	Detected	0.04	0.01	S
026	Detected	0.0568	0.0003 %	S
027	Detected	0.067	0.004	S
028	Detected	0.073	0.001	S
029	Detected	0.050	0.001	S

Proficiency Test Reports



Fapas® – Food Chemistry Proficiency Test Report 3108

Halal Compliance – Pork DNA in Beef

April-May 2018

Food Chem. Report 3108

Table 1 (continued): Results and Assessments for Test Material A

laboratory number	analyte		
	TM A intended result pork – Not Detected beef – Detected		assessment
	qualitative result pork	qualitative result beef	
025	Not Detected		satisfactory
026	Not Detected	Detected	satisfactory
027	Not Detected		satisfactory
028	Not Detected		satisfactory

Food Chem. Report 3108

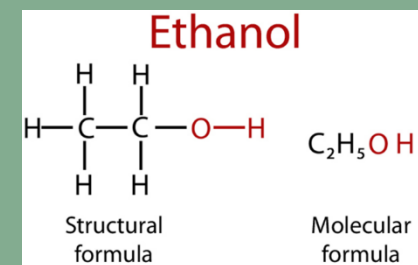
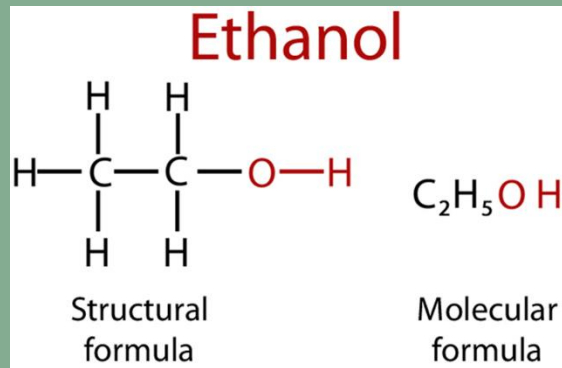
Table 2 (continued): Results and Assessments for Test Material B

laboratory number	analyte		
	TMB intended result pork –Detected beef – Detected		assessment
	qualitative result pork	qualitative result beef	
025	Detected		satisfactory
026	Detected	Detected	satisfactory
027	Detected		satisfactory
028	Detected		satisfactory

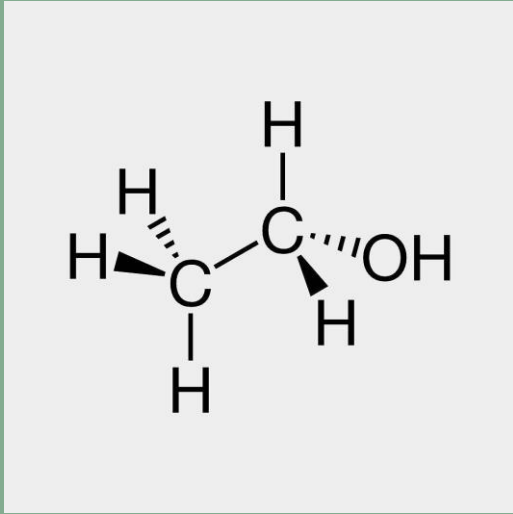
Accreditation status

Years	Instrumental analysis laboratory	Chemical analysis laboratory	Microbiology analysis laboratory	Molecular Biology and Genetics Laboratory
2021	-	-	-	-
2022	5	7	4	4
2023	7	5	5	5
2024	10	6	10	7
2025	12	8	13	10

Interesting samples



Projects



SYNTHETIC ?

NATURAL ?



PEPTIDE ANALYSIS

Thank you.

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Researcher

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