

NO: MyPTP 001(Issue 3, 2 February 2023 replacement
of MyPTP 001 dated 22 April 2022)

Page: 1 of 6

**PROFICIENCY TESTING
PROVIDER:**

**QUALITY MANAGEMENT AND RESEARCH CENTRE
DEPARTMENT OF CHEMISTRY MALAYSIA
JALAN SULTAN
46661 PETALING JAYA
SELANGOR
MALAYSIA**

FIELDS OF TESTING:

**CHEMICAL, BIOLOGICAL, HALAL & FORENSIC
SCIENCE**

The standard used for assessment of this proficiency testing provider is MS ISO/IEC 17043:2010.

SCOPE OF TESTING: CHEMICAL

Proficiency Testing Items/Materials/ Products/Matrix/Specimen tested/Item Inspected	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<u>Food</u>		
Cordial	FODAS 1 Benzoic Acid, Sorbic Acid	PT Design F01, Issue 3
Soy Sauce	FODAS 2 Total Nitrogen, Protein, pH, Sodium Chloride Content	PT Design F02, Issue 2
Milk Powder	FODAS 11 Calcium, Moisture, Ash, Total Fat, Protein, Carbohydrate	PT Design F05, Issue 4
Coffee Product	FODAS 8 Caffeine Content	PT Design F04, Issue 1
Evaporated Milk/ Creamer	FODAS 21 Total Milk Solids	PT Design F03, Issue 1
<u>Water</u>		
Water, Drinking Water	WAPAS 1 Anions: Chloride, Sulphate, Nitrate, Fluoride	PT Design W01, Issue 3
	WAPAS 5 Potassium, Sodium	PT Design W02, Issue 3
	WAPAS 6 Calcium, Magnesium, Total Hardness	PT Design W02, Issue 3

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Proficiency Testing Items/Materials/ Products/Matrix/Specimen tested/Item Inspected	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<u>Environment</u>		
Water, Industrial Effluent	ENVITEST 1 BOD5, COD	PT Design W03, Issue 2
	ENVITEST 2 Metals: Aluminum, Cadmium, Chromium (Total), Copper, Iron, Manganese, Lead, Nickel, Zinc	PT Design W04, Issue 3
	ENVITEST 6 Mercury, Arsenic	PT Design W04, Issue 3
Industrial Effluent	ENVITEST 4 Total Solids, Total Dissolved Solids, Total Suspended	PT Design W05, Issue 1
Water, Palm Oil / Rubber Effluent	ENVITEST 7 BOD3, COD Ammoniacal Nitrogen, Total Nitrogen, Suspended Solids	PT Design W03, Issue 2
Surface Water, Water	ENVITEST 5 Turbidity, Total Alkalinity	PT Design W06, Issue 1
<u>Industry</u>		
Alcoholic Beverages	KATEST 1 Alcohol Content	PT Design I01, Issue 2
Palm Oil Products	KATEST 3 Free Fatty Acid, Iodine Value, Slip Melting Point	PT Design I03, Issue 3

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Proficiency Testing Items/Materials/ Products/Matrix/Specimen tested/Item Inspected	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<u>GMO</u>		
Flour	GENMAS 1 Genetically Modified Food	PT Design G01, Issue 3
Grits	GENMAS 2 Genetically Modified Food	PT Design G01, Issue 3
<u>Microbiology</u>		
Milk Powder	MICROTEST 1 Aerobic Plate Count	PT Design M01, Issue 4
Black Pepper	MICROTEST 2 Detection of <i>Salmonella</i> spp.	PT Design M02, Issue 3
Desiccated Coconut	MICROTEST 6 Detection of <i>Salmonella</i> spp.	PT Design M02, Issue 3
<u>Food DNA</u>		
Chicken	FODNA 1 Meat Authenticity	PT Design B01, Issue 1 Rev 1
Beef	FODNA 2 Meat Authenticity	PT Design B01, Issue 1 Rev 1

NO: MyPTP 001(Issue 3, 2 February 2023 replacement
of MyPTP 001 dated 22 April 2022)

Page: 4 of 6

SCOPE OF TESTING: HALAL

Proficiency Testing Items/Materials/ Products/Matrix/Specimen tested/Item Inspected	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
Leather Product	HALALTEST 1 Identification of Pig Skin	PT Design I04, Issue 3
Beef	HALALTEST 3 Detection of Porcine DNA	PT Design B02, Issue 1 Rev 1
Chicken	HALALTEST 4 Detection of Porcine DNA	PT Design B02, Issue 1 Rev 1

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NO: MyPTP 001(Issue 3, 2 February 2023 replacement
of MyPTP 001 dated 22 April 2022)

Page: 5 of 6

SCOPE OF TESTING: FORENSIC SCIENCE

Proficiency Testing Items/Materials/ Products/Matrix/Specimen tested/Item Inspected	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<p><u>Toxicology</u></p> <p>Medicinal Preparation</p> <p>Body Fluid</p> <p><u>Narcotic</u></p> <p>Powdery & Granular substance</p>	<p>TOXITEST 1 Qualitative Analysis of Scheduled Poisons</p> <p>TOXITEST 2 Qualitative Analysis of Common Drugs</p> <p>NARCOTEST 2 Analysis of Heroin/MAM</p> <p>NARCOTEST 3 Analysis of Methamphetamine</p> <p>NARCOTEST 4 Analysis of Nimetazepam</p> <p>NARCOTEST 6 Analysis of MDMA</p> <p>NARCOTEST 7 Analysis of Ketamine</p>	<p>PT Design FOR01, Issue 4</p> <p>PT Design FOR02, Issue 4</p> <p>PT Design FOR05, Issue 4</p>

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NO: MyPTP 001(Issue 3, 2 February 2023 replacement
of MyPTP 001 dated 22 April 2022)

Page: 6 of 6

SCOPE OF TESTING: FORENSIC SCIENCE

Proficiency Testing Items/Materials/ Products/Matrix/Specimen tested/Item Inspected	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<u>Criminalistics</u>		
Metal Plate	CRIMETEST 103 Restoration of Erased Identification Number	PT Design FOR09, Issue 4
Flammable Substances	CRIMETEST 104 Ignitable Liquid Identification	PT Design FOR10, Issue 4
Soil	CRIMETEST 107 Soil Analysis	PT Design FOR13, Issue 4
Acid	CRIMETEST 108 Acid Throwing Analysis	PT Design FOR14, Issue 4
<u>DNA/Serology</u>		
Body fluid	DNA TEST 1 Analysis for DNA Data Bank	PT Design FOR20, Issue 5
	DNA TEST 2 DNA Paternity	PT Design FOR21, Issue 4
<u>Document Examination</u>		
Document	DOCUTEST 1 Questioned Document	PT Design FOR22, Issue 4
	DOCUTEST 2 Handwriting, Signature	PT Design FOR23, Issue 2

Scan this QR Code or visit www.ism.gov.my for the current scope of accreditation**Signatories:****Name**

1. **Khairul Anuar Bin Abdul Aziz**
2. **Dr. Siti Nur Nazathul Shima binti Hashim**
3. **Dr. Uma Priya a/p Kupusamy**
4. **Li Hui Ling**
5. **Sharifah Norfarahani bt Syed Nasir**
6. **Nur Atiqah binti Hamidun**
7. **Afidah binti Yahya**