LIST OF ACCREDATED TEST METHOD
ISO 17025

B) FOOD LABORATORY

Food-Fresh Fruits and Vegetables
Organophosphorous pesticides
Chlorpyrifos, Profenofos, Triazophos, Methamidophos, Omethoate, Chlorpyrifos methyl, Malathion, Fenithrothion, Fenphos, Phenthoate, Fenamiphos, Azinphos methyl, Azinophos ethyl, Dichlorvos (DDVP), Acephate, Dimethoate, Diazinon, Monocrotofos, Quinalphos, Parathion-methyl, Parathion-ethyl, Prothiofos, Methidathion, Ethion, Trizophos.

Foods
Total nitrogen

Benzoic acid, Sorbic acid by Steam Distillation & HPLC

Benzoic acid, Sorbic acid by Direct Solvent Extraction & HPLC

Peanut & Peanut Products
Aflatoxins B1, B2, G1 and G2 by Solvent Extraction and HPLC

Food
Synthetic Colours
JKM F0201: Method for qualitative separation and identification of synthetic acidic colours in food samples, based on Modern Food Analysis 1971

Fruits products
Cyclamate
JKM F 0801 based on AOAC 15th Edn.1990. 969.27 and 957.09

Monosodium Glutamate
Moisture by air oven method
JKM F 0302 based on AOAC 15th Edn.1990. 925.45B pg. 1011

Coffee and coffee products
Determination of Caffeine in Coffee and Coffee Products by High Performance Liquid Chromatography
JKM F 0907: based on (i) JAOAC 1983 66(3) 606-609 and (ii) Pearson's Chemical Analysis of Food 8th edition.

Common salt
Sodium Chloride content by silver nitrate titration
JKM F 0910 based on Pearson's Chemical Analysis of Foods, (8th Edn.) A.I.Vogel Quantitative Inorganic Analysis (3rd Edn.)
| Food                                      | Antioxidants by HPLC                        | JKM F 0401 based on A.O.A.C.983.15
|------------------------------------------|--------------------------------------------|-------------------------------------|
| Total Ash, Water Soluble and Water Insoluble Ash | JKM F 0901 based on Pearson’s Chemical Analysis of Food 8th edition
| Total Ash and Acid Insoluble Ash         | JKM F 0902 based on Pearson’s Chemical Analysis of Food 8th edition
| Flour Confection, Bread                 | Propionic acid by Gas Chromatography        | JKM F 0103 based on JAOAC Vol. 64(2) pg 280-281.
| Vinegar                                  | Acetic Acid by titration                   | JKM F 0911 based on Pearson’s Chemical Analysis of Food 8th edition
| Oil & Fats                               | Lead by solvent extraction and AAS         | JKM F 0502 based on (i) Persmark, U and Toregard B J.American Oil Chem.Soc 1971 and (ii) Laboratory handbook for oil and fat analysis by Cocks Van Rede (1966)
| Meat, tissue                            | Beta - agonists (salbutamol tertbutyline, clenbuterol) by GCMS | JKM F 0602 based on (i) Manual for clenbuterol/beta agonist Immunoaffinity columns from RANDOX Laboratories Ltd. UK and (ii) Method sheet from Veterinary Laboratories Agencies, Addlestone, Surrey UK.
| Fruit and fruits products               | Soluble Solids by Refractometer            | AOAC 15th edition 932.12 9S3.17.976.20
| Condensed Milk                          | Milk Fat by Gerber method                  | JKM F 0905 based on Pearson’s Chemical Analysis of foods 8th edition, pg 437-438
| Margarine and Butter                    | Total Fat by direct extraction             | AOAC 15th edition 938.06(B)
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<td>Margarine</td>
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<td>Unsweetened Evaporated Milk</td>
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<td>Food</td>
<td>Total Sugar by Lane Eynon Titration</td>
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<td>Tea</td>
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<td>JKM F 0505 based on the manufacturer instruction manual of the NIC mercury analyser MA-2</td>
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<td>Shrimp and animal tissue</td>
<td>Determination of chloramphenicol in shrimp and animal tissue</td>
<td>U.S. Food and Drug Administration Bulletin No. 4290 &amp; 4306</td>
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<td>Fruits and vegetables</td>
<td>Non-Fatty foods - multiresidue methods for the Gas Chromatographic determination of</td>
<td>British Standard Institution BS EN 12393-1: 1999 (Using Extraction Method L)</td>
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organochlorine pesticide residues (Lindane, α-Endosulfan, β-Indosulfan, Endosulfan sulphate)

Qualitative Determination of Ethylene Bisdithiocarbamate (EBDC) residue in fresh fruits and vegetables

JKM F 0706 based on Journal of AOAC International, Vol 78, No. 5