

**Schedule of Accreditation**  
for Testing Laboratory According to ISO/IEC 17025  
Issued To  
**National Research Laboratory**  
Hamra –Wardieh – Gardinia building – 1<sup>st</sup> floor  
Beirut – Lebanon

Schedule No.: 216012 B Issue No. (3): May 30, 2017 1<sup>st</sup> accreditation date : June 16, 2016 Revision No. (1): November 8, 2018 Valid to : June 15, 2020

| Materials / Products Tested                          | Types of Tests / Properties Measured / Range of Measurements (%) | Standard Specifications / Techniques Used                       |  |
|--|--|---|--|
| Food and feed staff                                  | Determination of total plate count at 30°C                       | ISO 4833:2013   | <b>Autoclave</b><br>Model:SA-300MA, S.N:150820202-001          |
|  | Determination of yeast and molds                                 | ISO 21527:2008  | Model:SA-300VF, S.N:150119010007                               |
|  | Determination of <i>E.coli</i>                                   | ISO 16649-2:2001  | <b>Incubator</b>   |
|  | Determination of fecal coliforms                                 | NMKL125: 2005   | Model:12880-K1, S.N:E410.1331, E411.0194, E400.0382, D214.0614 |
|  | Determination of <i>Enterobacteriaceae</i>                       | ISO 21528:2017  | Model:LIB-080M, S.N:20150402129                                |
|  | Determination of total coliforms                                 | ISO 4832:2006   | Model:IN75, S.N:D316.0063                                      |
|  | Determination of <i>Salmonella</i> spp                           | ISO 6579:2017   | <b>pH Meter</b>  |
|  | Determination of <i>Monocytogenes</i> spp                        | ISO 11290-1: 2017   | Model:AD12, S.N:18560  |
|  | Determination of <i>Shigella</i> spp                             | ISO 21567:2004  | <b>Oven</b><br>Model:SN75, S.N:B314.0249                       |
|  | Determination of coagulase positive <i>Staphylococcus aureus</i> | ISO 6888-1:2004   | <b>Stomacher</b> S.N:1000500/3124                              |
|  | Determination of <i>Clostridium perfringens</i>                  | ISO 7937:2004   | <b>Colony Counter</b><br>Model:2913, S.N:1000603               |
|  | Determination of <i>Bacillus cereus</i>                          | ISO 7932:2004   | <b>EC/TDS</b><br>Model:AD31, S.N:08892                         |
| Determination of Anaerobic sulfite reducing bacteria | ISO 15213:2003   | <b>Balance</b><br>Model:123ON22, S.N:140468157<br>Model:HX 103T |  |

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|-------------------------------|--|--|--|
| Drinking water, bottled water | Determination of total plate count at 37°C                       | ISO 6222:1999  | <b>Autoclave</b><br>Model:SA-300MA, S.N:150820202-001<br>Model:SA-300VF, S.N:150119010007  |
|                               | Determination of total plate count at 22°C                       |  |  |
|                               | Determination of <i>Enterococcus fecalis</i>                     | ISO 7899-2:2000  | <b>Incubator</b><br>Model:12880-K1, S.N:E410.1331,<br>S.N:E411.0194, S.N:E400.0382,<br>S.N:D214.0614<br>Model:LIB-080M, S.N:20150402129<br>Model:IN75, S.N:D316.0063<br>S.N: D316.0066 modelFOC120E<br><b>pH Meter</b><br>Model:AD12, S.N:18560<br><b>Oven</b><br>Model:SN75, S.N:B314.0249<br><b>Stomacher</b><br>S.N:1000500/3124<br><b>Colony Counter</b><br>Model:2913, S.N:1000603<br><b>EC/TDS</b><br>Model:AD31, S.N:08892<br><b>Balance</b><br>Model:123ON22, S.N:140468157<br>Model:HX 103T |
|                               | Determination of total coliforms                                 | In house method based on ISO 4832 and ISO -9308-1:2000         |  |
|                               | Determination of fecal coliforms                                 | In house method based on NMKL 125:2005 and ISO -9308-1:2000    |  |
|                               | Determination of <i>E.coli</i>                                   | In house method based on ISO 16649-2:2001 and ISO -9308-1:2000 |  |
| Membrane filtration methods   |  |  |  |

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|-----------------------------|--|---|--|
| Food                        | Determination of moisture content                                | In house method WI3TP-5.4 based on moisture analyser operating manual                                   | <b>Moisture analyzer</b><br>Model MA50.X2<br>S.N 514413<br><b>Balance</b><br>Model:HX 103 T                                      |
|                             | Determination of ash content                                     | AOAC 923.03<br>ISO 928: 1997  | <b>Oven</b><br>Model :B314.0249 SN: 75<br><b>Muffle furnace</b><br>Model: MT1210-lu-b2 S.N :B33416072601                         |
| Food and feed staff         | Determination of total Aflatoxin                                 | In house validated method based on ISO 16050:2003 and Max Signal Total Aflatoxin ELISA test Kit Manual. | <b>Balance</b><br>Model: HX103T<br><b>Elisa mat 3000</b><br>Model: P172A<br>S.N : DC8Y046642<br><b>Centrifuge</b><br>cence L 500 |