



المركز السعودي للاعتماد
Saudi Accreditation Center



شهادة اعتماد

ACCREDITATION CERTIFICATE

Saudi Accreditation (SAAC) certifies that :

Element Saudi Arabia Company Limited

Address: Quissm Street / 133 Road II Industrial City Dammam,
Kingdom of Saudi Arabia

Scope : **Food and agricultural**

Has met the requirements of Saudi Accreditation Center and has
been accredited in compliance with the following standard :

يشهد الاعتماد السعودي بأن :

شركة عناصر العربية السعودية المحدودة

العنوان : شارع القصيم / طريق 133 المدينة الصناعية الثانية الدمام،
المملكة العربية السعودية

المجال : **الغذائية والزراعية**

قد حقق متطلبات المركز السعودي للاعتماد وتم اعتماده وفقاً
لمتطلبات المواصفات القياسية التالية :

ISO/IEC 17025:2017

General Requirements for the competence of testing and calibration laboratories

المتطلبات العامة لكفاءة مختبرات الفحص والمعايرة

N-T-00545



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مجال الاعتماد

شركة عناصر العربية السعودية المحدودة

شارع القصيم/طريق 133 المدينة الصناعية الثانية الدمام، المملكة
العربية السعودية

| # | اسم الاختبار | المنتج / المادة | طريقة العمل / المواصفة | التقنية / الجهاز المستخدم |
|----|---|-----------------|---|--|
| 1 | Heterotrophic Plate Count (HPC) | Water | APHA 9215B, 24th edition, Pour plate technique | Incubators, Micropipette |
| 2 | Total Coliforms and Escherichia Coli | Water | APHA 9223B 24th edition- by IDEXX Colilert Quanti-Tray Method | Incubators, UV cabinet |
| 3 | Enumeration of Total Coliform | Water | APHA 9222B 24th edition | Incubators, Membrane filtration unit |
| 4 | Enumeration of Thermotolerant Coliforms (Fecal Coliforms) | Water | APHA 9222D 24th edition | Incubators, Membrane filtration unit |
| 5 | Total Coliforms by MPN | Water | APHA 9221B 24th edition | Incubators, Micropipette |
| 6 | Fecal coliforms by MPN | Water | APHA 9221E 24th edition | Incubators, Micropipette |
| 7 | E. coli by MPN | Water | APHA 9221F 24th edition | Incubators, Micropipette |
| 8 | Enumeration of Faecal Streptococci & Enterococci | Water | BS EN ISO 7899-2:2000 | Incubators, Membrane filtration unit |
| 9 | Enumeration of Pseudomonas aeruginosa | Water | BS EN ISO 16266:2008 | Incubators, Membrane filtration unit |
| 10 | Detection and Enumeration of Legionella | Water | ISO 11731:2017, Matrix A Procedure 5, 7 & Matrix B Procedure 8,9,10 | Incubators, Membrane filtration unit, UV cabinet, Water bath |
| 11 | Enumeration of Yeast and Mould | Water | MFHPB-22: 2018 | Incubators, Membrane filtration unit |
| 12 | Enumeration of Sulphate Reducing Bacteria | Water | ASTM D4412-19 (MPN technique) | Incubators, Micropipette |

| التقنية / الجهاز المستخدم | طريقة العمل / المواصفة | المنتج / المادة | اسم الاختبار | # |
|--|---|-----------------|--|----|
| Incubators, Micropipette | EL-M-OP-MIC-MD012A SRB BART Method | Water | Detection and Estimation of Sulphate Reducing Bacteria | 13 |
| Incubators, Membrane filtration unit | Standing Committee of Analysts –The Microbiological of Drinking Water Part 6 Method C | Water | Clostridium perfringens | 14 |
| Incubators, Micropipette | MFHPB-22-2018 | Food and Swab | Enumeration of Yeast and Mould | 15 |
| Incubators, Micropipette | 3M Petrifilm | Food and Swab | Enumeration of Escherichia coli. 3M Petrifilm E. coli Count Plate Method | 16 |
| Incubators, Micropipette | 3M Petrifilm method, AOAC OMA 990.12 | Food and Swab | Enumeration of Aerobic Colony Count | 17 |
| Incubators, Micropipette | 3M Petrifilm method, AOAC OMA 991.14 | Food and Swab | Enumeration of Coliforms | 18 |
| Incubators, Micropipette | 3M Petrifilm method, AOAC OMA 997.02 | Food and Swab | Enumeration of Yeast & Moulds | 19 |
| Incubators, Micropipette | 3M Petrifilm method, AOAC OMA 2003.7, 2003.8 & 2003.11 | Food and Swab | Enumeration of S. aureus | 20 |
| Incubators, Micropipette | 3M Petrifilm method, AOAC OMA 2003.01 | Food and Swab | Enumeration of Enterobacteriaceae | 21 |
| Incubators, Electronic balance | ISO 11290-1:2017 | Food and Swab | Detection of Listeria species & Listeria monocytogenes | 22 |
| Incubators, Electronic balance, Micropipette | ISO 15213-2:2023 | Food and Swab | Enumeration of Clostridium Perfringens | 23 |
| Incubators, Electronic balance, Micropipette | ISO 4832:2006 | Food and Swab | Enumeration of total coliforms | 24 |
| Incubators, Electronic balance, Micropipette | ISO 6888-1:2021; AMD-1:2023 | Food and Swab | Enumeration of Staphylococcus aureus | 25 |
| Incubators, Electronic balance, Micropipette | ISO 6579-1:2017; AMD-1: 2020 | Food and Swab | Detection of Salmonella spp. | 26 |
| Incubators, Electronic balance, Micropipette | ISO 4833-1:2013; AMD-1: 2022 | Food and Swab | Enumeration of Total Bacterial Count | 27 |
| Incubators, Electronic balance, Micropipette | ISO 21528-2:2017 | Food and Swab | Enumeration of Enterobacteriaceae | 28 |

| التقنية / الجهاز المستخدم | طريقة العمل / المواصفة | المنتج / المادة | اسم الاختبار | # |
|--|---|--------------------|--|----|
| Incubators, Electronic balance, Micropipette | ISO 7932:2004/AMD 1:2020 | Food and Swab | Enumeration of Bacillus Cereus | 29 |
| Incubators, Electronic balance, Micropipette | ISO 21872-1:2017 | Food and Swab | Detection of Vibrio cholerae & Vibrio parahaemolyticus | 30 |
| Incubators, Air Sampler | NIOSH Method 800:1998 using air sampler | Indoor/outdoor air | Total Bacterial Count | 31 |
| Incubators | EL-M-OP-MIC-SOP028 settle plate technique | Indoor/outdoor air | Total Bacterial Count | 32 |
| Incubators, Air Sampler | IESO 1220:2003 using air sampler | Indoor/outdoor air | Total Fungal count (Yeast & Moulds) | 33 |
| Incubators | EL-M-OP-MIC-SOP028 settle plate technique | Indoor/outdoor air | Total Fungal count (Yeast & Moulds) | 34 |