



Hereby Grants Accreditation To:

ALTOL CHEMICAL ENVIRONMENTAL LABORATORY, INC.
Ponce, Puerto Rico, USA

The above mentioned organization complies with

ISO/IEC 17025:2005

“General requirements for the competence of testing and calibration laboratories” and is hereby recognized by IAR as an

ACCREDITED LABORATORY

competent to perform the activities on the schedule accompanying this certificate.

The scope of this accreditation certificate covers the testing activities performed at the Altol Chemical Environmental Laboratory, Inc. facility that is located at the Sabanetas Industrial Park location in Ponce, Puerto Rico, USA.

Accreditation Number: IAR-L-2012-08-01
Accreditation Date: Aug 20, 2015
Expiration Date: Aug 20, 2018

Executive Director





ACCREDITATION CERTIFICATE ANNEX
ISO/IEC 17025 :2005
FIELDS OF TESTING COMPETENCE FOR:
ALTOL CHEMICAL ENVIRONMENTAL LABORATORY, INC.
Ponce, Puerto Rico, USA

Accreditation Number: IAR-L-2012-08-01, Expiration Date: Aug 20, 2018

Test Description	Material or Product Tested	Test Parameter / Range	Reference Document
1. Presence and Content of Ammonia	Water	MDL: 003	EPA 350.1
2. Presence and Content of Nitrates	Water	MDL: 0.047	EPA 353.2
3. Presence and Content of Total Phosphorous	Water	MDL: 0.009	EPA 365.1
4. Presence and Content of Phenol	Water	MDL: 0.002	EPA 420.4
5. Presence and Content of Cyanide	Water	0.003	EPA 335.4
6. Presence and Content of Chlorides	Water	0.36	SM 4500 Cl-E
7. Presence and Content of Surfactants	Water	0.025	SM 5540 C
8. Presence and Content of Sulfates	Water	0.220 - 0.292	ASTM 516
9. Presence and Content of Fluorides	Water	0.033 - 0.048	SM 4500 S2 F E
10. Presence and Content of Oil & Grease	Water	5.21 - 8.65	EPA 1664
11. Presence and Content of BOD	Water	30 - 33	SM 5210 B
12. Presence and Content of COD	Water	4.66 - 5.40	HACH 8000
13. Presence and Content of TKN	Water	1.33	EPA 351.1
14. Presence and Content of Nitrite	Water	0.009	EPA 353.2
15. Presence and Content of Suspended Solids	Water	Presence (see the referenced method for more details)	SM 2540 D
16. Presence and Content of Volatile Organics in Water	Water	Presence (see the referenced method for more details)	EPA 624





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Test Description	Material or Product Tested	Test Parameter / Range	Reference Document
17. Presence and Content of Semi-Volatile Organics in Water	Water	Presence (see the referenced method for more details)	EPA 625
18. Presence and Content of Volatile Organics in Water	Water	Presence (see the referenced method for more details)	EPA 8260
19. Presence and Content of Semi Volatile Organics in Waste	Water	Presence (see the referenced method for more details)	EPA 8270
20. Presence and Content of Volatile Organics by PID-HALL	Water	Presence (see the referenced method for more details)	EPA 8021
21. Presence and Content of Total Petroleum Hydro-carbons	Water	Presence (see the referenced method for more details)	EPA 8015
22. Presence and Content of Pesticides in Water	Water	Presence (see the referenced method for more details)	EPA 8080
23. Presence and Content of PCB's	Water	Presence (see the referenced method for more details)	EPA 8082
24. Presence and Content of Metals	Water	Presence (see the referenced method for more details)	EPA 200.7
25. Atomic Absorption Graphite Furnace	Water	Presence (see the referenced method for more details)	SM 3113 B
26. Presence and Content of Vanadium	Petroleum Derivatives.	Presence (see the referenced method for more details)	ASTM D5863
27. Viscosity, Kinematic	Petroleum Derivatives.	>200 seconds	ASTM D445
28. API Gravity by Hydrometer	Petroleum Derivatives.	1 - 80 API	ASTM D287
29. API Gravity by Density Meter	Petroleum Derivatives.	1 - 80 API	ASTM D4052
30. Presence and Content of Insoluble n-Heptane	Petroleum Derivatives.	0 - 8%	ASTM D3297
31. Content of Sulfur by Fluorescence (X-Ray Spectrometry)	Petroleum Derivatives.	0.3 - 2%	ASTM D4294





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32. Heterotrophic Plate Counts	Drinking Water	Presence (see the referenced method for more details)	SM 9215
33. Determination of Presence of Total coliforms and E. coli in drinking Water by The Colilert 24 Hrs. Test Kit by IDEXX	Drinking Water	Presence (see the referenced method for more details)	SM 9223B
34. Determination of Presence of Total Coliforms and E. coli by Quanti-Tray/2000 24 Hrs. by IDEXX	Drinking Water	Presence (see the referenced method for more details)	SM 9223B
35. Determination of Presence of Total Coliforms and E. coli in Drinking Water by Colilert 18 Hrs. Test Kit by IDEXX	Drinking Water	Presence (see the referenced method for more details)	SM 9223B
36. Determination of Presence of Total Coliforms and E. coli in Colilert 18 Hrs. Quanti-Tray by INDEXX	Drinking Water	Presence (see the referenced method for more details)	SM 9223B
37. Standard Coliform Membrane Filter Procedure	Drinking Water	Presence (see the referenced method for more details)	SM 9222B
38. Fecal Coliform (Membrane Filter) Procedure	Drinking Water	Presence (see the referenced method for more details)	SM 9221E
39. Escherichia Coli (Membrane Filter) Procedure	Drinking Water	Presence (see the referenced method for more details)	SM 9221F
40. E. coli O157:H7 Test System	Food and Drinks	Presence (see the referenced method for more details)	AOAC Official Method 011103
41. Listeria Test	Food and Drinks	Presence (see the referenced method for more details)	Reveal 2.0 AOAC 041101
42. Salmonella Test	Food and Drinks	Presence (see the referenced method for more details)	Reveal 2.0 AOAC 960801





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Test Description	Material or Product Tested	Test Parameter / Range	Reference Document
43. Salmonella Enteritidis (SE) Test Procedure	Food and Drinks	Presence (see the referenced method for more details)	Reveal 2.0 AOAC 111001
44. Yeast & Mold Test	Food and Drinks	Presence (see the referenced method for more details)	Petri Film Method 997.02

