

ASTORIA•PACIFIC

rAPID-T System - Method Summary

Method	EPA Methods	Std. Methods	Astoria-Pacific Working Range (ppm)	MDL (ppm)
Alkalinity	310.2	N/A	20.0 – 200.0 Low 5.0 – 50.0	6.2 Low 2.3
Ammonia	350.1	4500-NH3 F, G	0.5 - 25 Low 0.02 - 4.0	0.08 0.006
Chloride	325.1 (2)	4500-Cl C, E	1.0 – 50	0.42
Chlorine	330.5	4500-Cl G	0.05 - 5	0.03
Cyanide	335.3 (4)	4500-CN A, B, E	0.002 - 0.5	0.0007
Hexavalent Chromium	7196A	3500-Cr B	0.05 – 5 Low 0.002 – 0.1	0.00119 Low 0.000998
Nitrite	353.2 (3)	4500-NO ₂ F	0.01 - 2.0 Low 0.0025 – 0.5	0.002 Low 0.0008
Nitrate + Nitrite Enzymatic	NECi ATP N07-0003	Contact Nitrate Elimination Co nitrate.com	0.01 - 1.0 Low 0.005 – 0.5	0.005 Low 0.0023
Nitrate + Nitrite Vanadium D179	Easy (1-Reagent)*	N/A	0.5 – 50 0.2 - 20 0.02 - 2.0 Low 0.002 – 0.2	0.035 0.051 0.0015 Low 0.0002
OrthoPhosphate	365.2	4500-P E	0.01 - 1.0	0.005
Phosphorus. Total (Persulfate Digest)	365.1 (3)	4500-P B	0.02 - 1.0	0.005
Phosphorus, Total (Kjeldahl Digest)	365.4 (3)		0.5 - 10.0	0.04
Phenol	420.2 (4)	5530-B, D	0.05 - 2.0	0.01
Silica	370.1	4500-SiO ₂	0.5 – 50 Low 0.05 – 5.0	0.07 Low 0.02
Sulfate	375.4	4500-SO ₄ A, E	1.0 – 40.0	0.2
T. Kjeldahl Nitrogen	351.2	4500-N _{org}	0.5 – 10 mg/L 0.2 – 5 mg/L	0.055 Low 0.015

Blue Text denotes that the test has been validated on rAPID-T for water analysis. All other tests have been run on the older Astoria Discrete.

***NOTE:** Method D179 not to be used for Drinking Water

For more information, please contact an Environmental Express representative in your area.