



Wafer Separator Ionic Data

Sample Tested	Fixeon C3™ Separator	Carbonleaf™ Separator	Tyvek™ Separator	Fixeon UPF Separator
Cation Test Data <small>Avg. Sample Weight (mg) Extraction Volume (mL)</small>	78 / 5	113 / 5	76 / 5	125 / 5
Target Cations (Concentration Units)	ng/cm ²	ng/cm ²	ng/cm ²	ng/cm ²
Lithium	< DL	< DL	< DL	< DL
Sodium	0.30 +/- 0.1	1.90 +/- 1.2 L	13 +/- 6.2 L	0.20
Ammonium	< DL	< DL	< DL	< DL
Potassium	< DL	2.0	380 +/- 28 H	< DL
Magnesium	< DL	< DL	< DL	< DL
Calcium	< DL	< DL	5.1 +/- 4.0	< DL
Anion Test Data <small>Avg. Sample Weight (mg) Extraction Volume (mL)</small>	78 / 5	113 / 5	76 / 5	125 / 5
Target Anions (Concentration Units)	ng/cm ²	ng/cm ²	ng/cm ²	ng/cm ²
Fluoride	< DL	< DL	< DL	< DL
Chloride	< DL	1.8 +/- 0.9	16 +/- 13	< DL
Nitrite	< DL	4.0 +/- 1.5	1.7 +/- 1.8	< DL
Bromide	< DL	< DL	< DL	< DL
Nitrate	< DL	< DL	21 +/- 1.6	< DL
Phosphate	< DL	4.0	76 +/- 6.1	< DL
Sulfate	1.4 +/- 0.6	< DL	12 +/- 4.2	< DL

Ionic results are based on both sides of the sample extracted. **L**=Results may be biased low due to matrix spike recoveries. **H**=Results may be biased high due to high CCB values and/or matrix spike recoveries. DL= Detection Limit