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FS LAB# _____

VIRGINIA

EXAMINER _____

DEPARTMENT

Perchlorate Conditions Sheet

Dionex ICS-5000 Series Ion Chromatograph with an AS-AP autosampler

Sample Loop: 10 μ L

Columns: IonPac[®] AG20 Guard Column 2 mm i.d. x 50 mm
IonPac[®] AS20 Analytical Column 2 mm i.d. x 250 mm

Column Packing: Alkanol quaternary ammonium groups on a polyvinylbenzyl ammonium polymer cross-linked with divinylbenzene.

ICS-5000 EG Eluent Generator

ICS-5000 CD Conductivity Detector

Suppressor: Dionex Anion Self-Regenerating Suppressor ASRS 300

Eluent Concentration Conditions:

Time (min)	Concentration of hydroxide (mM)
0.0	35.0
22.0	35.0