

FS Lab #: \_\_\_\_\_

Examiner: \_\_\_\_\_

## IC Conditions Sheet

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

ICS-5000 CD Conductivity Detector

Check the applicable conditions:

\_\_\_\_\_ Anions

Sample Loop: 10  $\mu$ L

Columns: IonPac™ AG20 Guard Column 2 mm i.d. x 50 mm

IonPac™ AS20 Analytical Column 2 mm i.d. x 250 mm

ICS-5000 EGC III KOH Eluent Generator Cartridge

Suppressor: Dionex Anion Self-Regenerating Suppressor ADRS 600

Eluent Concentration:

<u>Time</u> <u>(min)</u>	<u>Concentration</u> <u>(mM)</u>
0	10
13	35
16	50
21.5	50
22	10

Flow Rate:

<u>Time</u> <u>(min)</u>	<u>Flow</u> <u>(mL/min)</u>
0	0.25
0.5	0.25
0.51	0.30
21.5	0.30
21.51	0.25
22	0.25

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Sample Loop: 25  $\mu$ L

Columns: IonPac™ CG12A Guard Column 2 mm i.d. x 50 mm

IonPac™ CS12A Analytical Column 2 mm i.d. x 250 mm

ICS-5000 EGC III MSA Eluent Generator Cartridge

Suppressor: Dionex Cation Self-Regenerating Suppressor CERS 500

Eluent Concentration: 20.0 mM

Flow Rate: 0.25 mL/min