

ION CHROMATOGRAPHY: parameters analysed

Instrument (Operational programme)	Species analysed	Columns (4mm) (Analysis duration)	Suppression	Eluant composition (Flow rate)
DIONEX DX100 +Passeur AS 40 (Chromeleon 6.6)	Anions : F ⁻ , Cl ⁻ , NO ₂ ⁻ , NO ₃ ⁻ SO ₄ ²⁻	Ion Exchange AG4A-SC+ AS4A-SC (9 mn)	Autosuppression DIONEX ASRS ULTRA	Isocratic mode (1.8 mM Na ₂ CO ₃ /1.7 mM NaHCO ₃) (2 mL/mn)
DIONEX ICS 1000 +Passeur AS 50 (Chromeleon 6.6)	Cations : Na ⁺ ; NH ₄ ⁺ ; K ⁺ Mg ²⁺ ; Ca ²⁺	Ion Exchange CG12A +CS12A (14 mn)	Autosuppression DIONEX CSRS ULTRA	Isocratic mode 20 mM CH ₃ SO ₃ H (MSA) (1 mL/mn)
DIONEX DX 500 (GP 40/CD 20) +Passeur AS 50 (Chromeleon 6.6)	Acides et anions : Acetic, Propionic Formic et Oxalic, Cl ⁻ , NO ₃ ⁻ , SO ₄ ²⁻	Ion Exchange AG11 +AS11 (19 mn)	Autosuppression DIONEX ASRS ULTRA	Gradient Mode 90% H ₂ O-10% NaOH 5mM (15 mn) 89% H ₂ O-11% NaOH 100mM (4mn) (1 mL/mn)
DIONEX DX 500 (GP 40/CD 20) +Passeur AS 50 (Peaknet 6.6)	Carbonates	Ion Exclusion ICE-AS1 (15 mn)	N/A	Isocratic mode 100 % H ₂ O (1 mL/mn)