

Product Specification

Product Name:

Ammonium chloride *PurChrom* Ultra Eluent additive for LC-MS

Product No.: PSR44989
Brand: PureSynth
CAS No.: 12125-02-9
Molecular Formula: NH_4Cl
Molecular Weight: 53.49 g/mol



Test	Specification
Appearance	White Solid
Assay	≥ 99.0 %
appearance of the solution	Complies
Water insoluble matter	NMT 0.005 %
Loss on drying (105°C)	NMT 0.5 %
Residue on ignition (SO_4)	NMT 0.01 %
pH (5 %, 25 °C)	4.5 - 5.5
Acidity or alkalinity	Complies
Arsenic (As)	NMT 0.5 ppm
Calcium (Ca)	NMT 5 ppm
Copper (Cu)	NMT 2 ppm
Heavy metals	NMT 5 ppm
Iron (Fe)	NMT 2 ppm
Lead (Pb)	NMT 1 ppm
Magnesium (Mg)	NMT 5 ppm
Nickel (Ni)	NMT 0.0001 %
Nitrate (NO_3)	NMT 0.0005 %
Potassium (K)	NMT 0.005 %
Phosphate (PO_4)	NMT 2 ppm
Sodium (Na)	NMT 0.005 %
Sulfate (SO_4)	NMT 20 ppm
Suitability for LC-MS	Complies

Specification: PCHU-1.0-QA/21

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com