

Sulfato de Amonio ULTRAPURO

About this item

CAS Number: 7783-20-2

Formula: $(\text{NH}_4)_2\text{SO}_4$

MDL Number: MFCD00003391

Melting Pt: 336...339 °C

Molecular Weight: 132.14 g/mol

Merck Index: 13,00559

Density: 1.78 g/cm³ (20 °C)

: Management of Change (MOC)
category = N

Storage Temperature: Ambient

EINECS: 231-984-1

REACH: 01-2119455044-46

Specification Test Results

Assay $(\text{NH}_4)_2\text{SO}_4$:	≥99.5 %
Insoluble Matter:	≤0.005 %
pH of 5% Solution at 25°C:	5.0 - 6.0
Residue after Ignition:	≤0.005 %
Absorbance of a 1M Solution - 260 nm:	≤0.04
Absorbance of a 1M Solution - 280 nm:	≤0.04
RNase Activity (None Detected):	Passes Test
DNase Activity (None Detected):	Passes Test
Protease Activity (None Detected):	Passes Test
Chloride (Cl):	≤3 ppm
Nitrate (NO ₃):	≤10 ppm
Phosphate (PO ₄):	≤3 ppm

Arsenic (As):	≤0.2 ppm
Trace Impurities - Cadmium (Cd):	≤2 ppm
Trace Impurities - Calcium (Ca):	≤2 ppm
Trace Impurities - Copper (Cu):	≤0.2 ppm
Trace Impurities - Iron (Fe):	≤1 ppm
Trace Impurities - Lead (Pb):	≤0.1 ppm
Trace Impurities - Lithium (Li):	≤2 ppm
Trace Impurities - Magnesium (Mg):	≤2 ppm
Trace Impurities - Manganese (Mn):	≤0.6 ppm
Trace Impurities - Potassium (K):	≤2 ppm
Trace Impurities - Zinc (Zn):	≤0.5 ppm
Solution Test:	Passes Test