



Certificate of Analysis.

Ammonium sulphate for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.

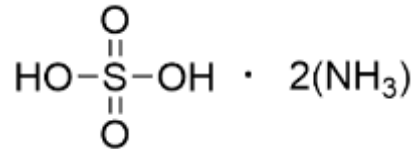
Product Code:	BS13764.
Description:	Ammonium sulphate for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.
Chemical Name:	Sulfuric acid ammonium salt.
Pack:	100 gm.
CAS No.:	7783-20-2.
Mol. Weight:	132.14 g/mol.
Mol. Formula:	(NH₄)₂SO₄.
MDL Number:	MFCD00003391.
Melting point:	>280 °C.
Boiling point:	330 °C.
Density:	1.77 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White crystalline powder.	Lot specific.
Insoluble matter:	≤ 0.001 %	Lot specific.
pH-value (5%; water, 25 °C):	5.0 - 6.0	Lot specific.
Chloride (Cl):	3 ppm.	Lot specific.
Nitrate (NO ₃):	10 ppm.	Lot specific.
Insoluble matter:	10 ppm	Lot specific.
Phosphate (PO ₄):	5 ppm.	Lot specific.
Heavy metals (ACS):	5 ppm.	Lot specific.
Heavy metals (as Pb):	5 ppm.	Lot specific.
Al (Aluminium):	0.75 ppm.	Lot specific.
As (Arsenic):	0.2 ppm	Lot specific.
Ca (Calcium):	10 ppm.	Lot specific.
Cd (Cadmium):	1 ppm.	Lot specific.
Cr (Chromium):	0.75 ppm.	Lot specific.
Cu (Copper):	2 ppm.	Lot specific.
Fe (Iron):	2 ppm.	Lot specific.
Mg (Magnesium):	5 ppm.	Lot specific.
Pb (Lead):	2 ppm	Lot specific.



Zn (Zinc)	1 ppm.	Lot specific.
Residue on ignition (as sulfate)	≤ 0.005 %	Lot specific.
Loss on Drying (105 °C)	≤ 0.1 %	Lot specific.

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr. K. Deepti.
Technical Head.

