

Ammonium sulphate

SPECIFICATION

Specification No.	VCPL/SPEC/QC/08
Grade	Technical
Molecular formula	(NH ₄) ₂ SO ₄
Molecular weight	132.14
CAS No.	7783-20-2
Also known as	Ammonium sulfate

Appearance	Visual observation	Off white or a white crystalline powder or granules
Identification Test	Ammonium & sulphate	Responds the tests
Solubility 10% solution in distilled water	% w/v	Clear solution
pH of 5% solution	% w/v	5.0 – 6.0
Assay (on dried basis)	% w/w	Min. 97.0 %
Chloride (as Cl)	% w/w	Max. 0.005 %
Iron (as Fe)	% w/w	Max. 0.002 %
Moisture	% w/w	Max. 2.0 %

***Storage:-** Store under the roof in well closed bags/container. Do not expose to direct sunlight.

Note:- This paper is digitally signed.

