

## TMB 015 – AMMONIUM SULPHATE

REF NO: TBL/QA/SS/LC/TMB 015	<b>STANDARD SPECIFICATION FOR AMMONIUM SULPHATE</b>	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 015

### PRODUCT PROPERTIES

C.A.S Number	7783-20-2
Chemical Formula	(NH <sub>4</sub> )SO <sub>4</sub>
Formula weight	132.14
Functional Uses	Ammonium sulfate is commonly used in agriculture as a nitrogen fertilizer. In aqueous solution, it dissociates to form ammonium and sulfate ions.
Standard Packaging	250gm. & 500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Freely soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5.0% soln. at 25°C)	5.0 – 6.0
Chloride (Cl)	NMT – 0.001%
Ash	NMT – 0.01%
Nitrate (NO <sub>3</sub> )	NMT – 0.001%
Lead Pb)	NMT – 0.0002%
DNases/RNases	None detected
Assay	NLT – 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.