



## Technical Data Sheet – Ammonium Sulphate

Ammonium sulfate  $[(\text{NH}_4)_2 \text{SO}_4]$  was one of the first and most widely used nitrogen (N) fertilizers for crop production. It's now less common but especially valuable where both N and sulfur (S) are required. Its high solubility provides versatility for a number of agricultural applications

Sr. No.	Parameters	Result
01	Ammonical Nitrogen % by weight, minimum	20.5
02	Sulphate Sulphur(as S) % by weight, minimum	23.0
03	Moisture % by weight, maximum	1.0
04	Free acidity (as $\text{H}_2\text{SO}_4$ ) % by weight, maximum	0.025
05	Arsenic (as $\text{As}_2\text{O}_3$ ) % by weight, maximum	0.01

### Application:

- Used as slow releasing nitrogenous fertilizer & rich source of Sulphur nutrient
- Used as a raw material for various chemicals, dyes, Leather Industries and pharmaceuticals.
- Ammonium sulphate use for manufacturing of ABC Powder for firefighting equipment.