

## Technical Information

### Ammonium Sulphate

Meets USP 41-NF 36 testing specifications

**Product Code:TC1553U**

### Product Information

Product Code	: TC1553U
Product Name	: Ammonium Sulphate Meets USP 41-NF 36 testing specifications
Synonym	: Diammonium sulphate
Molecular Formula	: $(\text{NH}_4)_2\text{SO}_4$
Molecular Weight	: 132.14
CAS No.	: 7783-20-2

### Technical Specification

Appearance	: White hygroscopic crystals or powder or solid
Solubility	: 100 mg soluble in 1 mL of water
pH (c = 5% in water at 25°C)	: 5.00 - 6.00
Identification A	: Reactions for ammonium
Identification B	: Reactions for sulphate
Chloride	: $\leq 0.0005\%$
Iron	: $\leq 0.0005\%$
Residue on ignition	: $\leq 0.005\%$
Insoluble matter	: $\leq 0.005\%$
Nitrate	: $\leq 0.001\%$
Phosphate	: $\leq 0.0005\%$
Test for specified microorganism	: Absent
Microbial enumeration test, TAMC	: $\leq 1000$ cfu/g
Microbial enumeration test, TYMC	: $\leq 10$ cfu/g
Assay (NaOH-back Titration)	: 99.00 - 100.50%

### Risk And Safety Information

WGK	: -
RTECS	: -
Storage Temperature(°C)	: Store below 30°C

### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell  
Culture Tested**



## Product Specification

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### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
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