
Ammonium sulphate

Meets USP-NF testing specifications

Product Code: TC553U

Product Description :

Molecular weight: 132.14

Molecular formula: $(\text{NH}_4)_2\text{SO}_4$

CAS No.: 7783-20-2

Synonyms: Diammonium sulphate

Quality Control:

Appearance

Colourless or white crystals or granules

Solubility

1 gm is soluble in about 1.5 mL of water. It is insoluble in alcohol

pH (5% water)

5.00 - 6.00

Identification A, Ammonium

Meets the requirements

Identification B, Sulfate

Meets the requirements

Chloride

$\leq 0.0005\%$

Iron

$\leq 0.0005\%$

Residue on ignition

$\leq 0.005\%$

Insoluble matter

$\leq 0.005\%$

Nitrate

$\leq 0.001\%$

Limit of phosphate

$\leq 0.0005\%$

Total aerobic microbial count (TAMC)

$\leq 1000 \text{ cfu/g}$

Total molds and yeasts count (TYMC)

$\leq 10 \text{ cfu/g}$

Assay (NaOH-back Titration)

99.00 - 100.50%

Storage and Shelf Life:

Store below 30°C away from bright light.

Shelf life is 48 months.

Use before expiry date given on the product label.

Revision : 05/2024

Disclaimer :

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