

Specification

Technical Data Sheet

CAS**6484-52-2****STORAGE****Ambient****MOLECULAR WEIGHT****80.04****PRODUCT****Ammonium nitrate AR**

Product number	90037213
CAS number	6484-52-2
Molecular formula	H ₄ N ₂ O ₃
Molecular weight	80.04 g/mol

PARAMETER**SPECIFICATION**

Appearance	White crystalline powder
Assay	≥99.0%
pH	5% aq.sol: ≥4.5 to ≤6.0
Chloride (Cl-)	≤0.0005%
Insoluble Matter	≤0.005%
Iron (Fe)	≤2ppm
Nitrite (NO₂)	≤0.0005%
Phosphorous (P)	≤5ppm
Silicon (Si)	≤5ppm
Calcium (Ca)	≤5ppm
Copper (Cu)	≤1ppm
Lead (Pb)	≤2ppm
Magnesium (Mg)	≤1ppm
Potassium (K)	≤10ppm
Sodium (Na)	≤5ppm
Total Sulphur (S)	≤10ppm

PARAMETER	SPECIFICATION
Zinc (Zn)	≤1ppm

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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