

Specification

Technical Data Sheet

CAS**7782-61-8****STORAGE****Ambient****MOLECULAR WEIGHT****404.00****PRODUCT****Iron(III) nitrate nonahydrate (98% min)****Product number** 90031742**CAS number** 7782-61-8**Molecular formula** $\text{Fe}(\text{NO}_3)_3 \cdot 9 \text{H}_2\text{O}$ **Molecular weight** 404.00 g/mol**PARAMETER****SPECIFICATION****Appearance** Violet crystals**Assay (Fe)** $\geq 13.5\%$ **Assay as Fe (NO₃) 3.9 H₂O** $\geq 98.0\%$ **Chloride (Cl⁻)** $\leq 20\text{ppm}$ **Water insoluble matter** $\leq 100\text{ppm}$ **Ammonium (NH₄)** $\leq 100\text{ppm}$ **Calcium (Ca)** $\leq 5\text{ppm}$ **Copper (Cu)** $\leq 15\text{ppm}$ **Lead (Pb)** $\leq 10\text{ppm}$ **Manganese (Mn)** $\leq 50\text{ppm}$ **Potassium (K)** $\leq 5\text{ppm}$ **Sodium (Na)** $\leq 5\text{ppm}$ **Sulphates (SO₄)(2⁻)** $\leq 50\text{ppm}$ **Zinc (Zn)** $\leq 10\text{ppm}$

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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