

Specification

Technical Data Sheet

CAS

699014-53-4

STORAGE

Ambient

MOLECULAR WEIGHT

464.15

PRODUCT

Iron (II) gluconate hydrate

Product number	90027510
CAS number	699014-53-4
Molecular formula	[HOCH ₂ [CH(OH)] ₄ CO ₂] ₂ Fe · H ₂ O
Molecular weight	464.15 g/mol

PARAMETER

SPECIFICATION

Appearance	Brown/ Tan/ Grey/ Green powder
Assay	97.0 - 102%
Loss on Drying	6.5 - 10.0%
Aerobic Plate Count	≤ 1000 cfu/g
Chloride (Cl-)	≤ 0.07%
Iron (Fe)	10.9 - 11.9%
Residual Solvents	Conforms to USP
Total Coliforms	Negative
Arsenic (As)	≤ 3ppm
Identification (IR)	Conforms to Reference
Lead (Pb)	≤ 3ppm
Mercury (Hg)	≤ 3ppm
Mould & Yeast	≤ 100 cfu/g
Sulphates (SO ₄)(2-)	≤ 0.1%

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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