

Specification

Technical Data Sheet

CAS 18917-93-6	STORAGE Ambient	MOLECULAR WEIGHT 256.49
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PRODUCT**Magnesium lactate dihydrate FCC**

Product number	90033820
CAS number	18917-93-6
Molecular formula	(CH ₃ CHOHCOO) ₂ Mg · 3H ₂ O
Molecular weight	256.49 g/mol

PARAMETER	SPECIFICATION
Appearance	White or almost white crystalline or granular powder
Content	98% - 102%
Conclusion	Meets EP8.0
Heavy metals	≤10ppm
Identification	A. It gives the reaction of lactates. B. It gives the reaction of magnesium
Loss on Drying	14% - 17%
pH	6.5 - 8.5
Chloride (Cl⁻)	≤100ppm
Iron (Fe)	≤40ppm
Solubility	Slightly soluble in water, soluble in boiling water, practically insoluble in ethanol. (96%)
Magnesium (Mg)	9.5% - 10.5%
Sulphates (SO₄)(2-)	≤50ppm

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.
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STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.
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