

Specification

Technical Data Sheet

CAS**7786-30-3****STORAGE****Ambient****MOLECULAR WEIGHT****95.21****PRODUCT****Magnesium chloride anhydrous- Chemically Pure****Product number** 90031264**CAS number** 7786-30-3**Molecular formula** MgCl₂**Molecular weight** 95.21 g/mol**PARAMETER****SPECIFICATION****Appearance** Crystalline, white, flaky powder**Water** ≤ 2.0%**CaCl₂** ≤ 200ppm**Clairity of solution (in water)** Absolutely clear**Iron (Fe)** ≤ 10ppm**Magnesium Oxide (MgO)** ≤ 300ppm**MgCl₂ (on dried basis)** ≥ 99.0%**NaCl** ≤ 100ppm**Odour** Odourless**Particle size 10 - 100 mesh** ≥ 90%**Particle size <100 mesh** ≤ 5%**Particle size >10 mesh** ≤ 5%**Silicon (Si)** ≤ 50ppm**Solubility in water** ~ 500g/l**Titanium (Ti)** ≤ 10ppm**Zirconium (Zr)** ≤ 10ppm

PARAMETER	SPECIFICATION
Aluminium (Al)	$\leq 10\text{ppm}$
Substance insoluble in water	$\leq 0.1\%$

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.

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