

Specification

Technical Data Sheet

CAS

3097-08-3

STORAGE

Ambient

MOLECULAR WEIGHT

557.09

PRODUCT

Magnesium lauryl sulfate

Product number 90037062

CAS number 3097-08-3

Molecular formula C₁₂H₂₆O₄SMg

Molecular weight 557.09 g/mol

PARAMETER

SPECIFICATION

Appearance

White or off-white powder

Conclusion

Meets the standard

Heavy metals

≤0.002%

Identification

Magnesium salt: Should be positively reactive. Sulfate salt: Should be positively reactive.

Water

≤2.0%

Acidity

The consumed sodium hydroxide (0.1 mol/L) ≤0.2 ml

Magnesium chloride

≤0.5%

Magnesium content (on dry matter basis)

4.2% - 4.5%

Magnesium Sulphate

≤1.0%

Solubility

Soluble in methanol or ethanol, soluble in warm water, and hygroscopic.

Total alcohol content (on dry matter basis)

63.0% - 69.0%

Unulfonated alcohol

≤1.3%

Identification (IR)

Conforms to reference

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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