

Certificate of Analysis

Product Description: Lithium Dodecyl Sulfate, ultra pure

Catalog Number: 800752; 800753

Lot: YC11015

Formula : C₁₂H₂₅OSO₃Li

CAS #: 2044-56-6

Physical Description: White Powder

Formula Weight: 272.33

Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.7%
FTIR	Conforms to Standard	Conforms to Standard
OD260 (1% aq soln)	≤0.1	0.043
OD280 (1% aq soln)	≤0.1	0.038

Loss on Drying: 0.1%

Chloride (Cl): <100 ppm

Heavy Metals: <5 ppm

Solubility:

-3% aqueous: clear and colorless

-1% ethanol: clear and colorless

Recommended Retest Date (MM/DD/YYYY): 03/27/2024



11/09/2022 - Lily Liu

MP Biomedicals, LLC.

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)