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Certificate of Analysis

Product Description: Dodecyl-beta-D-maltoside
Catalog Number: 151013
Lot: M5278**Formula:** C₂₄H₄₆O₁₁
CAS #: 69227-93-6
Physical Description: White Powder**Formula Weight:** 510.6
Storage: +4°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~97%	99.1% (HPLC)
FTIR	Conforms to Reference	Conforms to Reference
Optical Rotation (c=1, methanol)	+47° ± 5°	+47.5°

NMR and MS: Complies

pH (1% soln): 6.5

Heavy Metals: ≤20 ppm

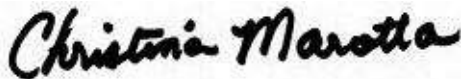
Residue on Ignition: 0.1%

CMC (H₂O) (0.0087%): 0.17 mM

Conductance (10% soln): <40 µs

Dodecanol: ≤0.1%

TLC: One Spot

10/31/2012 - Christina Marotta
MP Biomedicals, LLC.
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