

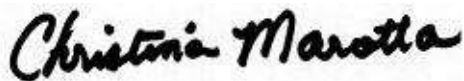
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## Certificate of Analysis

**Product Description:** Dodecyl-beta-D-maltoside  
**Catalog Number:** 151013  
**Lot:** M8045**Formula:** C<sub>24</sub>H<sub>46</sub>O<sub>11</sub>  
**CAS #:** 69227-93-6  
**Physical Description:** White Powder**Formula Weight:** 510.6  
**Storage:** +4°C, desiccate

Test	Specification	Results
Identity Test	Passes	Passes
Purity	~97%	99.2%
FTIR	Conforms to Reference	Conforms to Reference
Optical Rotation (c=1, water)	+47° ± 5°	+47.2°

pH(1% solution): 6.47  
Heavy Metals: < 20 ppm  
Residue on Ignition: 0.02%  
CMC(H<sub>2</sub>O)(0.0087%): 0.17 mM1  
Conductance(10% solution): <40 µS  
Dodecanol: ≤0.1%  
TLC: One Spot  
alpha-Isomer: 0%



10/31/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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