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Certificate of Analysis

Product Description: Sodium Dodecyl Sulfate
Catalog Number: 190522
Lot: MR29514**Formula:** C₁₂H₂₅O₄Na
CAS #: 151-21-3
Physical Description: Fine White Powder**Formula Weight:** 288.4
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥95%	99.79%
FTIR	Conforms to Standard	Conforms to Standard
Melting point	180-210°C	Passes
OD260 (1% aq soln)	≤0.1	0.027
OD280 (1% aq soln)	≤0.1	0.007
pH (1% aqueous)	6-7	6.5

Heavy Metals (as Pb): <10 ppm

Phosphate: <1 ppm

Color (APHA): 10

Inorganic Salts: 0.02%

Unulfated Matter: 0.03%

Moisture: 0.16%

C12: 99.6%

Chloride: 100 ppm

Lead: <2 ppm

Iron (Fe): <1 ppm

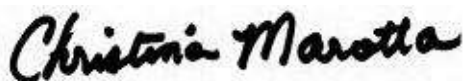
Free Fatty Alcohols: <0.1%

OD230 nm (abs): 0.027

OD405 nm (abs): 0.001

Solubility (0.1 g in 10 ml etOH): Clear, Colorless, Haze Free & Free of Particulates

Titrable Base: <0.06 meq/g



07/17/2012 - *Christina Marotta*
MP Biomedicals, LLC.
Technical Director

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