

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Sodium dodecyl sulfate

Catalog Number: 102918

Lot: 1191A

Formula: $C_{12}H_{25}O_4SNa$

CAS #: 151-21-3

Physical Description: white powder

Formula Weight: 288.4

Storage: room temperature

Test	Specification	Results
Purity	99 ± 1%	99.5%
FTIR	Conforms to standard	Conforms to standard
UV/VIS (1% aqueous solution)	OD 260 < 0.1 OD 280 < 0.1	0.012 0.002
Melting point	185-195 ⁰ C	184.1-192.8 ⁰ C
pH (1% aqueous solution)	6-7	6.71
Solubility (20% aqueous solution)	clear, colorless	clear, colorless


02/18/1998 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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