

**MP Biomedicals, LLC**

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Polyanetholesulfonic Acid Sodium Salt

Catalog Number: 102923

Lot: 1890J

Formula: $(C_{10}H_{11}O_4SNa)_n$

CAS #: 52993-95-0

Physical Description: Tan Powder

Formula Weight: $(250)_n$

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
λ_{\max} (water)	284 ± 2 nm	284 nm
pH (1% aq soln)	5 - 7.5	5.8

Absorbance (0.1 @ 283 nm): 0.78

Loss on Drying: 1.5%

Heavy Metals (as Pb): 0.00 ppm

Transmittance @ 283 nm: 0.17

Assay: >99.5%

04/20/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)