



**MP Biomedicals, LLC**

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### Certificate of Analysis

**Product Description:** 2,2'-Azino-bis(3-ethylbenzthiazoline-6-sulfonic Acid) Diammonium Salt  
**Catalog Number:** 195023  
**Lot:** Q4306

**Formula:** C<sub>18</sub>H<sub>18</sub>N<sub>4</sub>O<sub>6</sub>S<sub>4</sub>·(NH<sub>3</sub>)<sub>2</sub>      **Formula Weight:** 548.70  
**CAS #:** 30931-67-0      **Storage:** +4°C, protect from light, store under nitrogen  
**Physical Description:** Light Green Powder

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □ max (water)	340 - 342, 225 - 228 nm	340.1 nm, 225.3 nm
Moisture	≤5%	4.9%

H NMR: conforms to structure  
Purity by HPLC: 99.11%  
Recommended Retest Date: 6/2/2021

*John Huang*  
08/06/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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