

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** beta-Mercaptoethylamine Hydrochloride  
**Catalog Number:** 100995  
**Lot:** QR15498

**Formula:** C<sub>2</sub>H<sub>7</sub>NS·HCl  
**CAS #:** 156-57-0  
**Physical Description:** White Crystals

**Formula Weight:** 113.61  
**Storage:** 2 - 8°C, desiccate

| Test          | Specification        | Result               |
|---------------|----------------------|----------------------|
| Identity Test | Passes               | Passes               |
| Purity        | ~98%                 | 99.37%               |
| FTIR          | Conforms to Standard | Conforms to Standard |
| Melting Point | 58 - 73°C            | 63.5 - 69.0°C        |

pH: 3.7  
Iron: ≤20 ppm  
Reccomended Retest Date: 04/25/2021



05/01/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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