



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** 4-Phenylbutylamine  
**Catalog Number:** 156166  
**Lot:** 8711J

**Formula:** C<sub>10</sub>H<sub>15</sub>N  
**CAS #:** 13214-66-9  
**Physical Description:** Clear, Pale Yellow Liquid

**Formula Weight:** 149.2  
**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Refractive Index (n<sub>20</sub> D): 1.5206

Assay: 97.9%

02/29/2008 - Robert Beattie  
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)