

MP Biomedicals, LLC

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Certificate of Analysis

| Product Description: N-Methyl-D-glucamine_ | |
|--|--|
| Catalog Number: 191506_ | |
| Lot: 1106F_ | |
| | |

| Formula: C ₇ H ₁₇ NO ₅ | Formula Weight: 195.22 | |
|---|---------------------------|--|
| CAS #: 6284-40-8 | Storage: Room Temperature | |
| Physical Description: White Powder | | |

| Test | Specification | Result |
|-------------------------------------|-------------------------|----------------------|
| Identity Test | Passes | Passes |
| FTIR | Conforms to Standard | Conforms to Standard |
| Melting Point | 125-135°C | 128.5 - 130.2°C |
| Optical Rotation (c = 10, water) | -12° to -18° | -16.62° |

Purity: 100.10%

Ph.D. 01/21/2002 - Joseph Dietz, Ph/D

MP Biomedicals, LLC. Technical Director

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