



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Melphalan
Catalog Number: 155345
Lot: 2906J

Formula: C₁₃H₁₈Cl₂N₂O₂
CAS #: 148-82-3
Physical Description: Beige Powder

Formula Weight: 305.2
Storage: Room Temperature, protect from light

Test	Specification	Results
Identity Test	Passes	Passes
Purity	≥95%	97.2%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	175 - 185°C	176 - 177°C
Moisture	≤7%	4.26%
Optical Rotation (c=0.7, methanol)	-31° ± 5°	-30.95°

Ionizable Chlorine: Conforms to USP27
Nitrogen Content: 9.21%
Organic Volatile Impurities: Conforms to USP27
Residue on Ignition: 0.1%

07/25/2006 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
<mailto:biotech@mpbio.com>
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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)

