



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: 2'-Deoxyguanosine
Catalog Number: 101489
Lot: 3742K

Formula: C₁₀H₁₃N₅O₄

CAS #: 961-07-9

Physical Description: Off-white Powder

Formula Weight: 267.25

Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#99%	#99%
FTIR	Conforms to Standard	Conforms to Standard
□□ max (H ₂ O)	252 ± 3 nm	252 nm
OD250/260 (H ₂ O)	1.11 - 1.19	1.15
OD280/260 (H ₂ O)	0.65 - 0.71	0.68
OD290/260 (H ₂ O)	0.24 - 0.30	0.27
Loss on Drying	#10%	3.65%

Melting Point: 250°C

04/27/2009 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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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)

