

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: 2'-Deoxyadenosine Monohydrate, cell culture reagent
Catalog Number: 194654
Lot: SR02734

Formula: C₁₀H₁₃N₅O₃·H₂O
CAS #: 16373-93-6
Physical Description: White to Off-white Powder

Formula Weight: 269.2
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.9% (HPLC)
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	186 - 196°C	193°C
UV/Vis: λ max (water)	259 ± 2 nm	259.39 nm
OD250/OD260	0.70 - 0.85	0.79
OD280/OD260	0.10 - 0.16	0.13

Solubility (50 mg/ml in water, 60°C): Clear, Colorless Solution
Alpha Anomer: Not Detected
UV Content (dry basis): 99%
Water Content (KF): 7.6%
Recommended Retest Date (MM/DD/YYYY): 05/13/2024



05/14/2020 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document
<mailto:biotech@mpbio.com>
<http://www.mpbio.com>

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)