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Certificate of Analysis

Product Description: 2'-Deoxyadenosine Monohydrate, cell culture reagent
Catalog Number: 194654
Lot: S6175

Formula: C₁₀H₁₃N₅O₃·H₂O**CAS #:** 16373-93-6**Physical Description:** 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	186.5-189.5°C
UV/Vis: λ max (water)	259 ± 2 nm	259.78 nm
OD250/OD260	0.70 - 0.85	0.775
OD280/OD260	0.10 - 0.16	0.142

Adenine: <0.5%

Alpha Anomer Content: Not Detected

UV Content (dried basis): 98%

Water Content (KF): 6.4%

Recommended Retest Date (MM/DD/YYYY): 04/30/2024



05/12/2021 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)