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Certificate of Analysis

Product Description: 2'-Deoxyadenosine Monohydrate, cell culture reagent
Catalog Number: 194654
Lot: Q6702

Formula: $C_{10}H_{13}N_5O_3 \cdot H_2O$ **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	188°C
UV/Vis: λ max (water)	259 ± 2 nm	259.4 nm
OD250/OD260	0.70 - 0.85	0.801
OD280/OD260	0.10 - 0.16	0.121

Solubility (50 mg/ml in water, 60°C): Clear, Colorless Solution

Alpha Anomer: Not Detected

UV Content (dry basis): 102%

Water Content (KF): 7.4%

Recommended Retest Date: 05/31/2020



05/26/2017 - 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)