

Certificate of Analysis

Product Description: Cytidine, Free Base**Catalog Number:** 101459**Lot:** YD02022**Formula :** C₉H₁₃N₃O₅**CAS #:** 65-46-3**Physical Description:** White Powder**Formula Weight:** 243.22**Storage:** desiccate, 15 - 30 °C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
Melting Point	208 - 218°C	211.2°C - 213.4°C
UV/Vis: max (water)	270 - 272 nm	270.2
OD250/OD260 nm	Report Result	0.84
OD280/OD260 nm	Report Result	0.87
OD290/OD260 nm	Report Result	0.26

Heavy Metals: ≤10ppm

Loss on Drying: 0.06%

Residue on Ignition: 0.07%

Assay: 99.70%

Recommended Retest Date (MM/DD/YYYY): 01/06/2026



02/23/2023 - Lily Liu

MP Biomedicals, LLC.

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