

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-16 16:14:04
Date of Next Testing: 2027-10-15 16:14:04
Product Name: **Cytidine 5'-monophosphate disodium salt**
CAS Number: 6757-06-8
Specifications & Purity: $\geq 99\%$
Lot #: J2312202
SKU #: **C102417**
Version: **2**
Analysis #: **270682**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.58600 %
EmM Anhydrous	12.4-14	13.20000
Lambda max	279-280 (nm)	279.00000 nm
Water by Karl Fischer	0-25 (%)	24.93180 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	7-9 (°)	7.29000 °
Appearance (C102417)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager