

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 13:51:04
 Date of Next Testing: 2027-05-17 13:51:04
 Product Name: **Cytidine 5'-Diphosphate Trisodium Salt Hydrate**
 CAS Number: 34393-59-4
 Specifications & Purity: $\geq 95\%$
 Lot #: I1511205
 SKU #: **C122987**
 Version: **0**
 Analysis #: **221168**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	7.75490 %
Purity(HPLC)	95-100 (%)	96.63300 %
Purity(Nonaqueous Titration)	94.5-105.5 (%)	99.87000 %
Appearance (C122987)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless , Clear , 50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager