

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-23 10:37:54
 Date of Next Testing: 2026-07-22 10:37:54
 Product Name: **Cytidine 5'-Diphosphate Trisodium Salt Hydrate**
 CAS Number: 34393-59-4
 Specifications & Purity: $\geq 95\%$
 Lot #: G2222214
 SKU #: **C122987**
 Version: **0**
 Analysis #: **098837**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	2.89690 %
Purity(Nonaqueous Titration)	94.5-105.5 (%)	98.70000 %
Purity(HPLC)	95-100 (%)	95.01000 %
Appearance (C122987)	white crystalline powder	white crystalline powder
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager