

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-26 15:24:39
Date of Next Testing: 2030-06-25 15:24:39
Product Name: **2'-deoxythymidine-5'-triphosphate (dTTP), trisodium salt, dihydrate**
CAS Number: 18423-43-3
Specifications & Purity: $\geq 96\%$
Lot #: I2215353
SKU #: **D112858**
Version: **1**
Analysis #: **726223**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(UV-Vis)	96.5-106 (%)	99.98800 %
Water by Karl Fischer	0-15 (%)	13.19800 %
Solvent Content	0-5 (%)	3.59800 %
Purity(HPLC)	96-100 (%)	98.83000 %
ICP-Atomic emission(Na)	11-15.4 (%)	12.20800 %
Appearance (D112858)	white powder	White powder
Solubility in H ₂ O , colorless and cler(50mg/0.5ml)	pass	Pass
Proton NMR spectrum(D ₂ O)	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager