

Certificate of Analysis

Date of Testing: 2022-07-20 17:18:52

Date of Next Testing: 2025-07-19 17:18:52

Product Name: **Thymidine 5'-monophosphate disodium salt hydrate**

CAS Number: 33430-62-5

Specifications & Purity: 99%

Lot #: G2216417

SKU #: **T169655**

Analysis: **071503**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.60700 %
Water by Karl Fischer	0-13 (%)	8.46 %
Ratio of Absorbances(E280/E260)	0.70- 0.74	0.74
Sodium (Na)(anhydrous)	11.2-13.9 (%)	11.90 %
Appearance (T169655)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Clear colorless solution(50mg/ml,water)	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager