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Certificate of Analysis

Product Name: 5-Methyl-CTP Sodium Salt, 100mM
Catalog Number: NBM003
Lot Number: BA10005
Date of Manufacture: Oct.10.2021
Country of Manufacture: China

Test	Specification	Result
1. Appearance	Clear, colorless liquid	Pass
2. pH(22~25°C)	7.3±0.2	7.4
3. Purity (HPLC area%)	≥98%	98.2%
4. Concentration	100mM±5%	102mM
5. λ _{max} (pH 7.0)	279nm±2nm	278nm
6. Absorbance Ratios	A250/A260 A280/A260	0.99 1.56
7. DNase	0	Pass
8. RNase	0	Pass
9. Quality Control	Molecular Biology Grade This lot of NTP has been performance tests in transcription reaction.	Pass
10. Storage	Long Term: -70°C. Daily/Weekly Use: -20°C Avoid repeated freeze-thaw cycles. Upon first use, it is recommended to aliquot the reagent into single use portions.	N/A

Restest Date: Nov, 2022