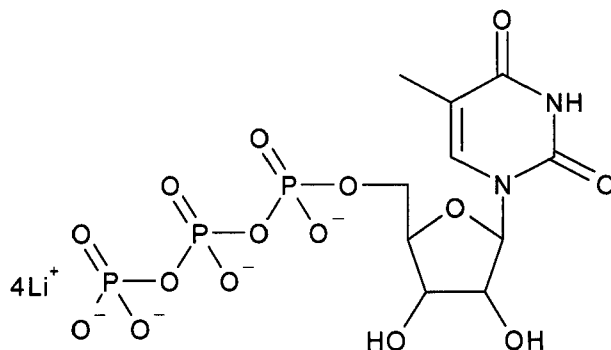


## 5-Methyl-UTP

N-1024



5-Methyluridine-5'-Triphosphate

## Product Information

**Catalog # (Pack Size):** N-1024-1 (1  $\mu$ mole)  
 N-1024-5 (5  $\mu$ mole)  
 N-1024-10 (10  $\mu$ mole)  
 N-1024-BK (Bulk Amount)

**Packaged As:** 100 mM in H<sub>2</sub>O

**Recommended Storage:** -20°C or below

**Manufacturing Lot #:** T1-AIP01A

**Packaging Lot #:** T1-AIP01A-4

**Extinction Coefficient:** 9,650 Lmol<sup>-1</sup>cm<sup>-1</sup> @ 267 nm

**Molecular Weight:** 498.1 g/mole (free acid)

**Molecular Formula:** C<sub>10</sub>H<sub>17</sub>N<sub>2</sub>O<sub>15</sub>P<sub>3</sub> (free acid)

**Final Salt Form:** Li+

**Handling:** Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

## QC Analysis

### Method of Analysis:

**Manufacturing Lot:** AX-HPLC

<sup>31</sup>P NMR

<sup>1</sup>H NMR

Mass Spec

UV-Spec

**Packaging Lot:** AX-HPLC

### Results:

Passes

Passes

Passes

Passes

Passes

96.1%

## QA Approval

Approved By: \_\_\_\_\_

QA

Date

6/5/2014

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The Modified Nucleic Acid Experts

**Final Data**

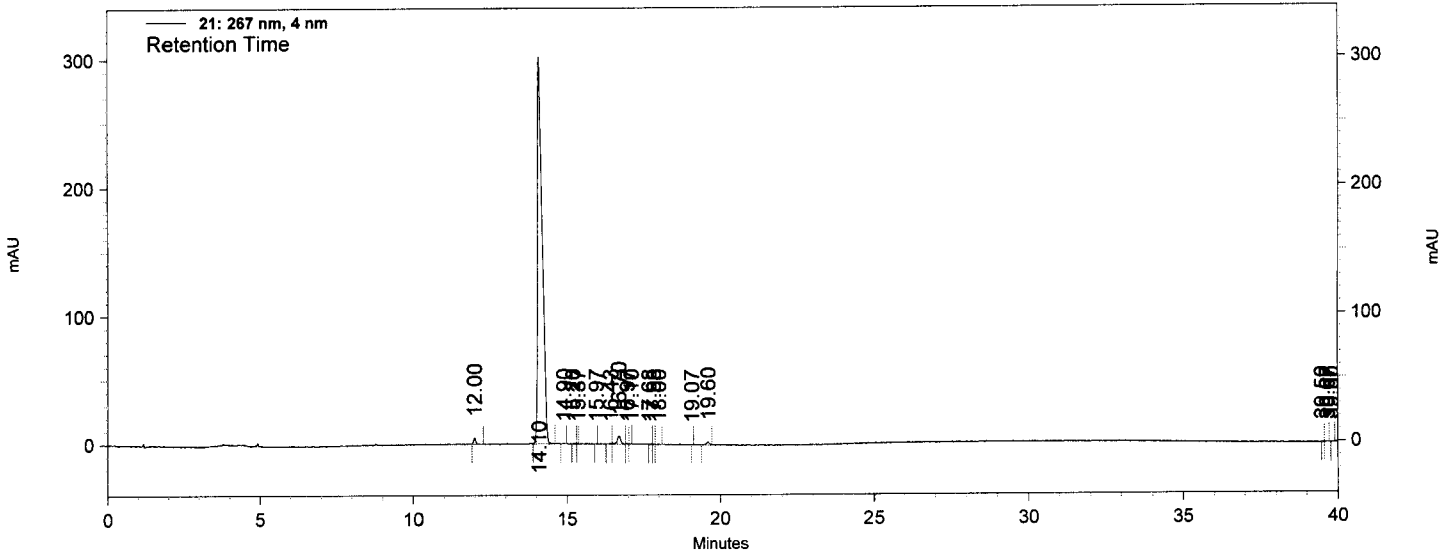
Released By SS

Date 06/06/2014

AX-HPLC : QTP-2021      Revision: 002

Sample ID : N1024 T1-AIP01A-4  
 Injection : 15 µL  
 Acquired : 5/30/2014 12:47:26 PM

ZAQCHPLC Data\2014\QI0514\QCF\QCF0514-0268.dat



21: 267 nm, 4 nm Results

Retention Time	Area	Area Percent
12.00	26336	0.78
14.10	3246203	96.12
14.90	2085	0.06
15.20	2456	0.07
15.37	676	0.02
15.97	1820	0.05
16.43	6287	0.19
16.70	54757	1.62
16.97	2146	0.06
17.10	1017	0.03
17.68	2260	0.07
17.83	1889	0.06
18.00	2953	0.09
19.07	863	0.03
19.60	19717	0.58
39.50	1623	0.05
39.67	1804	0.05
39.80	2255	0.07
Totals	3377147	100.00