

TheraPure GMP N1-methylpseudouridine triphosphate

Modified nucleotides for RNA therapeutics and vaccine development and manufacturing

Modified nucleotides can be used to help reduce the immunogenicity of RNA therapeutics or vaccines and minimize side effects from administration of these revolutionary new medicines. Thermo Scientific™ TheraPure™ GMP* N1-methylpseudouridine triphosphate (N1-MepUTP) is a high-quality choice for use in the development and manufacture of RNA therapeutics or vaccines.

This key component for RNA production is available as a 100 mM sodium solution and is available in a wide range of volumes and pack sizes:

Volume	Cat. No.
900 mL	R0491SKB003
500 mL	R0491SKB014
225 mL	R0491SKB013
100 mL	R0491SKB012
50 mL	R0491SKB015
20 mL	R0491SKB009
5 mL	R0491SKB007

Custom volumes, concentrations, or formulations of TheraPure GMP N1-Me-pUTP are available upon request.

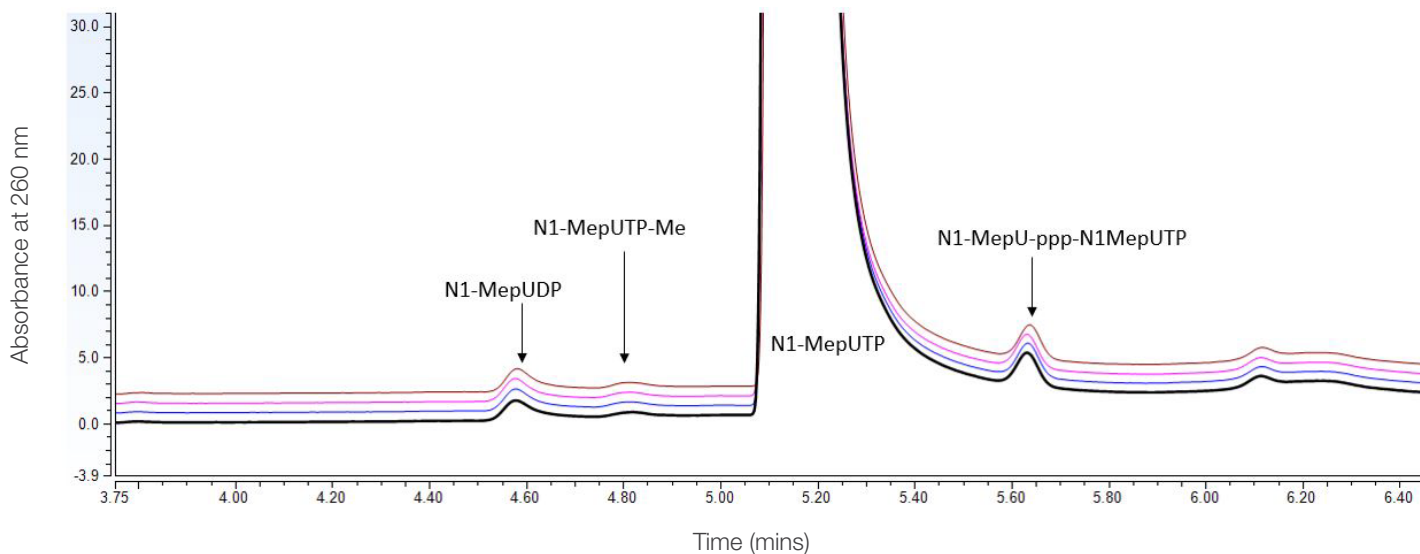
All Thermo Scientific™ TheraPure™ GMP* products are manufactured to relevant ICH Q7 GMP guidelines and tested using ICH Q2 recommendations for analytical testing methods.

TheraPure GMP N1-MepUTP has been proven to meet critical process, scale, quality, and regulatory needs and has been successfully utilized in a number of RNA therapeutics.

This product is also expertly supported by our technical and product service teams and includes a comprehensive package of quality documentation, including:

- Certificate of analysis (CoA)
- Certificate of origin (CoO)
- TSE/BSE statement
- Nitrosamine statement
- Melamine statement
- Compendial test results
- Impurity profile
- Stability test results
- Drug Master File

Quality and consistency of TheraPure GMP N1-MepUTP



LC-MS analysis of four lots of TheraPure GMP N1-MepUTP. Note the low level of impurities as well as lot-to-lot consistency shown in the analysis of this product.

* "TheraPure GMP" refers to the quality level of the raw, ancillary, or starting materials to be used for further manufacturing. TheraPure GMP products are manufactured in facilities with ISO 9001–certified quality management systems operating in accordance with relevant good manufacturing practice (GMP) principles as outlined in ICH Q7 or equivalent guidance documents or standards.

Learn more or contact a sales representative at
thermofisher.com/therapure

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