64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

Product Name:

Cytidine 2':3'-cyclic monophosphate monosodium salt, Pur*Reagent* for Biochemical Research, ≥95% (HPLC)

Product No.:	PSR50833
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	15718-51-1
Molecular Formula:	$C_9H_{11}N_3NaO_7P$
Molecular Weight:	327.16 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	White to Off-White Solid	White Solid
Assay (By HPLC)	≥ 95.0 %	99.30 %
Water	NMT 12.000 %	5.250 %
Solubility (50 mg/ml in H_2O)	Colorless Clear Solution	Colorless Clear Solution
Specific Rotation (c = 0.1, Water)	-	-6.2 °
Sodium Content	-	7.80 %
Elemental Analysis		
Carbon Content	33.02 – 33.06 %	33.04 %
Hydrogen Content	3.37 – 3.41 %	3.39 %
Nitrogen Content	12.82 – 12.86 %	12.84 %
Identification by Mass	Conforms to molecular structure	Conforms
Identification by ^{1}H-NMR	Conforms to structure	Conforms

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at temperature of -20°C and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com