

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00099
Lot Number	001237-11730
Product	2'-Deoxycytidine-5'-monophosphate

2'-dCMP

2'-Deoxycytidine-5'-monophosphoric acid

CAS Number	1032-65-1
Molecular Formula	C ₉ H ₁₄ N ₃ O ₇ P
Molecular Weight	307.2

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in 1N Ammonium Hydroxide)
Water Content (Karl Fisher)	5.8%
UV Ratios	At pH=7.0 A ₂₅₀ /A ₂₆₀ = 0.82 A ₂₈₀ /A ₂₆₀ = 1.00
Purity by HPLC	99.9%
Purity by UV	99% (dry basis)
Storage	Store at ≤ -4 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager