

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	33055
Product	Thymidine
Lot Number	001237-0192
	2'-Deoxythymidine
CAS Number	50-89-5
Molecular Formula	C ₁₀ H ₁₄ N ₂ O ₅
Molecular Weight	242.23

Appearance	White crystalline powder
Solubility	Clear colorless solution
Melting Point	189 °C
Heavy Metals	< 10 ppm
Water Content (Karl Fisher)	0.2%
Optical Rotation	[α] ²⁰ _D = 18.5 °
Residue On Ignition	< 0.3%
Purity by HPLC	99.7%
Purity by UV	100% (on dry basis)
Grade	suitable for cell culture
Storage	Store at 2 - 8 °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