

Certificate of Analysis

Product :	2'-Deoxyadenosine -5'-Triphosphate, Sodium Salt (dATP) Sequenase and PCR Qualified
Storage Recommendations:	Always avoid freeze-thaw cycles or exposure to frequent temperature changes. These fluctuations can greatly alter product stability.
Long term (Infrequent use: 1-2 times per month):	-70°C
Daily/Weekly use:	-20°C
Molecular Formula:	C ₁₀ H ₁₂ N ₅ O ₁₂ P ₃ Na ₄
Molecular Weight:	579.2
Form:	Aqueous solution, 100mM
Purity (HPLC):	>99.8%
λmax:	259nm ± 2nm
Absorbance Rations (pH 7.0):	A250/A260 0.80±0.03
	A280/A260 0.15±0.03
PH:	7.5 ± 0.1
Quality control:	1. The concentration is verified by optical density spectrophotometry. 2. This preparation is free of DNase and RNase contamination as determined by incubation of the 4 dNTPs with radioactive substrates. 3. The purity of this preparation is determined by HPLC. The minimum passing specification for the triphosphate content is 99.8%. 4. This lot of dNTPs has been performance tested with Sequenase, <i>Taq</i> DNA polymerase, <i>Pfu</i> DNA polymerase and <i>T7</i> DNA polymerase.



上海闪晶分子生物科技有限公司

地址：上海市闵行区北桥镇吴河路328号A栋2楼

邮编：201109

电话：54460832 800-988-1995

E-mail:master@shinegene.org.cn

网址：www.shinegene.org.cn