



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	2'-Deoxythymidine 5'-monophosphate disodium salt
Grade	Ultra Pure
Product Code	DB0367
Formula	$C_{10}H_{13}N_2O_8PNa_2$
MW	366.2
CAS#	33430-62-5
Lot No	

Test Items	Specifications	Results
Appearance	White powder	
Solubility	Clear colorless solution at 50mg/ml in water	
Purity (HPLC)	$\geq 99.0\%$ (HPLC)	
UV content (on dry basis)	96.0 -104.0%	
	EMM=9.4-9.8 at λ_{max} 267-268, pH7.0	
Water (K.F.)	$\leq 13.0\%$	
Ratio of Absorbance	A250/A260 0.62-0.68	
(pH 7.0)	A280/A260 0.69-0.75	
Na (elemental analysis)	11.9-13.2%	

Storage: -20°C

QF 21 Rev 2015

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