



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	β -Nicotinamide-Adenine Dinucleotide Phosphate, Reduced (β - NADPH)
Grade	N/A
Product Code	Y4433000
Formula	$C_{21}H_{26}N_7O_{17}P_3$
MW	833.4 (as tetrasodium anhydrate)
CAS#	N/A
Lot No	

Test Items	Specifications	Results
Purity	$\geq 93\%$	
NADPH contents	--	
Sodium Content	$10.0 \pm 2.0\%$	
Water Content	$< 8\%$	
Spectral analysis		
1. ϵ at 260nm and pH 10	$(14.4 \pm 0.7) \times 10^3$ L/mole/cm	
2. ϵ at 340nm and pH 10	$(6.2 \pm 0.3) \times 10^3$ L/mole/cm	
3. Ratio at pH 10 A_{340}/A_{260}	(0.43 ± 0.01)	

Storage: -20°C .

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20 Konrad Cres. Markham Ontario L3R 8T4 Canada
Tel: (905) 474 4493, (800) 313 7224 Fax: (905) 474 5794
Email: order@biobasic.com Web: www.biobasic.com