



CERTIFICATE OF ANALYSIS

Product	β -NADP ⁺
Grade	Reagent
Product Code	N0760 (D0359)
Formula	C ₂₁ H ₂₈ N ₇ O ₁₇ P ₃
MW	743.4 (as anhydrous free acid)
CAS#	24292-60-2
Lot No	

Test Items	Specifications
Appearance	Off-white powder
Purity (NADP ⁺ content)	≥93.0%
Sodium content	6.0±1.5%
Moisture (KF)	<8%
Special analysis	
1. ϵ at 260nm and pH 7.5	(18.0 ± 0.8)x10 ³ L/mole/cm
2. Ratio at pH 7.5	
A250/A260	0.83 ± 0.03
A280/A260	0.21 ± 0.02
3. ϵ when reduced with glucose-6-phosphate dehydrogenase at 340nm and pH 7.5	(6.2 ± 0.3)x10 ³ L/mole/cm
4. Ratio when reduced with glucose-6-phosphate dehydrogenase at 340nm and pH 7.5	
A340/A260	0.41 ± 0.02

Storage: -15 ~ -20°C. Keep dry. Warm to room temperature before opening.