

CERTIFICATE OF ANALYSIS

PRODUCT NAME: -Nicotinamide adenine dinucleotide,97%

ITEM NUMBER: N111609
BRAND: Aladdin
CAS NUMBER: 53-84-9
MDL NUMBER: MFCD00036253
FORMULA: C₂₁H₂₇N₇O₁₄P₂
MOLECULAR WEIGHT: 663.43

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder		
Enzymatic Purity (Dry Basis)	97 %	100 %	100 %
Proton NMR spectrum	Conforms to Structure		
Purity(HPLC)	97 %	100 %	100 %
solubility in water	Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O		
Solvent Content (by GC)	0 %	3 %	3 %
Water by Karl Fischer	0 %	10 %	10 %