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Product Specifications

Catalogue Number 49475

Product **b-Nicotinamide adenine dinucleotide (Oxidized)**

b-NAD

DPN

CAS Number 53-84-9

Molecular Formula $C_{21}H_{27}N_7O_{14}P_2$

Molecular Weight 663.44

Appearance White to off-white crystalline powder

Solubility Clear colorless to pale yellow solution at 10% aq. Solution

Water Content (Karl Fisher) $\leq 7\%$

pH 2.5 - 3.0 (1% aq. solution)

UV Ratios Spectral ratio
A250/A260 nm : 0.79 - 0.83
A280/A260 nm : 0.20 - 0.23

DNase, RNase, Protease Not detected

Absorbance (1M aq. Solution) (pH-7) in a 1cm cell
at 260 nm : 255 - 270

Purity by UV $\geq 98\%$ (On dried basis)

Grade Molecular biology grade

Storage Store at $\leq -20\text{ }^{\circ}\text{C}$

For Laboratory Use Only