

Specification

NAD

A1124

Physical Description:	Solid
Product Code:	A1124
Product Name:	NAD
Specifications:	Assay (enzym.): min. 97 % Water (K.F.): max. 10.0 % UV Absorption A250/A260 (pH 7.5): 0.83 ± 0.02 A280/A260 (pH 7.5): 0.20 ± 0.02
WGK:	1
Storage:	-20°C
Molecular Formula:	$C_{21}H_{27}N_7O_{14}P_2$
M:	663.43 g/mol
CAS:	53-84-9
EINECS:	200-184-4
CS:	29349990
Comment	Composition of the reaction buffer for the oxidation of malate\): 100 mM Tris HCl (pH 8), 10 mM L-Malate, 0.5 mM NAD, 20 mM KCl and 1 mM MnCl ₂ .
Bibliography	(1)Kobayashi, K. <i>et al.</i> (1989) <i>J. Biol. Chem.</i> 264 , 3200-3205Structure and properties of Malic enzyme from <i>Bacillus stearothermophilus</i> .

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