

Specification

NADH Disodium Salt

A1393

Physical Description:	Solid
Product Code:	A1393
Product Name:	NADH Disodium Salt
Specifications:	Assay (enzym.): min. 95 % Water (K.F.): max. 8.0 % UV Absorption A250/A260 (pH 10): 0.82 ± 0.03 A280/A260 (pH 10): 0.23 ± 0.02
WGK:	1
Storage:	-20°C
Molecular Formula:	$C_{21}H_{27}N_7Na_2O_{14}P_2$
M:	709.41 g/mol
CAS:	606-68-8
EINECS:	210-123-3
CS:	29349990
Comment	Composition of the buffer for the reduction of oxaloacetate\: 30 mM potassium phosphate pH 7.5, 0.5 mM oxaloacetate, 0.1 mM NADH, 20 mM KCl, 5 mM $MgCl_2$. Composition of the buffer for the reduction of pyruvate\: 100 mM MOPS pH 6.1, 10 mM Na-pyruvate, 100 mM Na_2CO_3 , 0.1 mM NADH, 5 mM $MgCl_2$.
Bibliography	(1)Kobayashi, K. et al. (1989) <i>J. Biol. Chem.</i> 264 , 3200-3205 Structure and properties of malic enzyme from <i>Bacillus stearothermophilus</i> .

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