



Specification

NADH Disodium Salt Trihydrate

Catalog Number: ND1010
CAS Number: 606-68-8
Molecular Formula: $C_{21}H_{27}N_7Na_2O_{14}P_2 \cdot 3H_2O$
Molecular Weight: 763.50
Storage: $\leq -20^{\circ}C$
Retest Date: Two years after date of manufacture.

Test	Specification
Purity	$\geq 95\%$
NADH Content	Report
Sodium Content	5.0 – 8.0%
Moisture	$\leq 8\%$
Spectral Analysis	
1. ϵ @ 260nm, pH 10	$13.9 - 14.9 \times 10^3$ L/mol/cm
2. ϵ @ 340nm, pH 10	$6.1 - 6.5 \times 10^3$ L/mol/cm
3. Ratio @ pH 10	
A250/A260	0.79 – 0.85
A280/A260	0.21 – 0.25
A340/A260	0.41 – 0.45

Approved by:

John Grubb

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