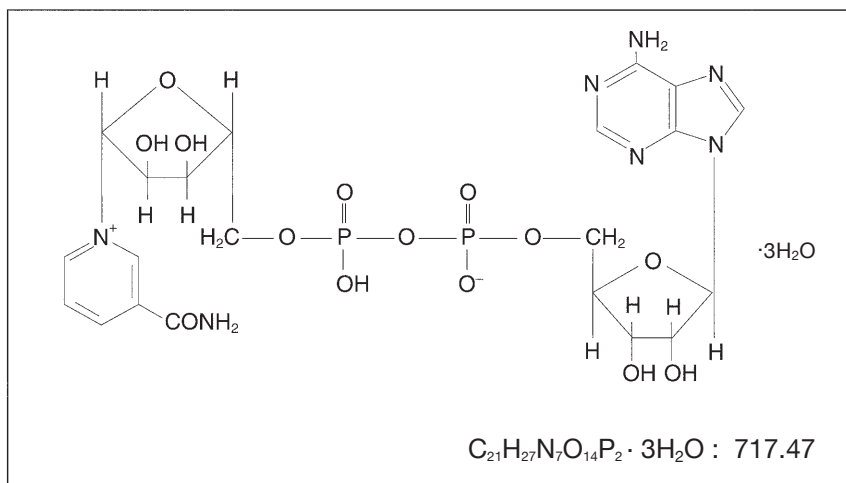


Nicotinamide Adenine Dinucleotide Trihydrate

CAS NO. 53-84-9

MOLECULAR STRUCTURE AND FORMULA



DESCRIPTION

White crystalline powder
Odorless

IDENTIFICATION

Compare the infrared absorption spectrum of sample with that of the standard by ATR method.

SPECIFICATION AND PROCEDURE

State of Solution (Transmittance)	Not Less Than 95.0%	Sec.-1 3%, H ₂ O
pH	2.0 - 3.0	Sec.-26, 3%
Heavy metals (Pb)	Not More Than 20 ppm	Sec.-7-(2), 1.0g 2.0 ml of Standard solution
Moisture	Not More Than 10%	Sec.-23, Direct titration
Homogeneity	One Spot on PPC (40 µg)	Sec.-12, Solvent O
Assay (anhydrous basis, DOD)	Not Less Than 98.0%	Sec.-41

STORAGE

Keep refrigerated, frozen if possible