Creative Enzymes®

β-Nicotinamide-Adenine Dinucleotide, Oxidized Form (NAD)

Cat. No. NATE-0785

Lot. No. (See product label)

Introduction

Description	Nicotinamide adenine dinucleotide (NAD) is a coenzyme found in all living cells. The compound is a dinucleotide, because it consists of two nucleotides joined through their phosphate groups. One nucleotide contains an adenine base and the other nicotinamide. Nicotinamide adenine dinucleotide exists in two forms, an oxidized and reduced form abbreviated as NAD+ and NADH respectively.
Synonyms	β-DPN; β-NAD; Coenzyme 1; Cozymase; DPN; Diphosphopyridine nucleotide; NAD; Nadide; 53-84-9

Product Information

CAS No.	53-84-9
Molecular Weight	663.4 (As anhydrous free acid) 681.4 (as monohydrate)
Purity	> 95%
Structure	C21H27N7O14P2
Specificity	Water content: < 8% by Karl Fischer

Storage and Shipping Information

Storage	Keep tightly stoppered in the dark below 5°C. Moisture will reduce the purity. For prolonged storage, keep below -20°C.