



β -Nicotinamide adenine dinucleotide, oxidised hydrate (Lot 80101a)

C-NAD25

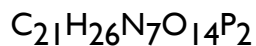
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β -Nicotinamide adenine dinucleotide, oxidised hydrate
(NAD⁺, β -NAD⁺, β -DPN⁺, Oxidised Coenzyme-I)

MW: 663.43 for free acid

Purity:	97.5 %
NAD ⁺ content	95.7 %
moisture content	2.3 %

Formula:



Extinction coefficients:

- (a) 17,700 at 260 nm at pH 7.5
- (b) 6,200 at 340 nm when reduced using ADH at pH 10.0

Absorbance ratios:

- (a) $A_{250}/A_{260} = 0.83$ at pH 7.5
- (b) $A_{280}/A_{260} = 0.20$ at pH 7.5
- (c) A_{340}/A_{260} when reduced using ADH at pH 10.0 = 0.43