



β -Nicotinamide adenine dinucleotide, oxidised hydrate (Lot 80401a)

C-NAD5

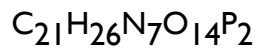
07/11

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