



**β -Nicotinamide adenine dinucleotide phosphate,
oxidised sodium salt (Lot 50301a)**

C-NADP10

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β -Nicotinamide adenine dinucleotide phosphate, oxidised sodium salt
(NADP⁺, β -NADP⁺-Na, β -TPN⁺, Oxidised Coenzyme-II)

MW: 743.41 for sodium salt

Purity:	95.6 %
NADP ⁺ content	89.8 %
sodium content	2.7 %
moisture content	3.5 %

Formula:



Extinction coefficients:

- (a) 17,200 at 260 nm at pH 7.5
- (b) 5,900 at 340 nm when reduced using glucose-6-phosphate dehydrogenase at pH 7.5

Absorbance ratios:

- (a) $A_{250}/A_{260} = 0.84$ at pH 7.5
- (b) $A_{280}/A_{260} = 0.20$ at pH 7.5
- (c) A_{340}/A_{260} when reduced using glucose-6-phosphate dehydrogenase at pH 7.5 = 0.42