



**β -Nicotinamide adenine dinucleotide phosphate,
oxidised sodium salt (Lot 80101a)**

C-NADP2

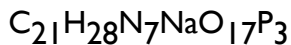
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β -Nicotinamide adenine dinucleotide phosphate, oxidised sodium salt
(NADP⁺, β -NADP⁺-Na, β -TPN⁺, Oxidised Coenzyme-II)

MW: 743.41 for sodium salt

| | |
|---------------------------|--------|
| Purity: | 95.5 % |
| NADP ⁺ content | 89.9 % |
| sodium content | 2.8 % |
| moisture content | 3.3 % |

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