

beta-Nicotinamide-Adenine Dinucleotide Phosphate, Oxidized Form Coenzyme | beta-NADP coenzyme

beta-Nicotinamide-Adenine Dinucleotide Phosphate, Oxidized Form (beta-NADP)

CATALOG #

AAA78941

PRODUCT SYNONYMS

beta-Nicotinamide-Adenine Dinucleotide Phosphate; Oxidized Form; Oxidized Form (beta-NADP); beta-NADP; beta-NADP coenzyme

PRODUCT SPECIFICATIONS

Purity/Purification	99.9%
Form/Format	Lyophilized Powder
Formula Weight	743.41 (as anhydrous free acid) 841.42 (NADP ⁺ .Na ₂ .3H ₂ O)
Formula	C ₂₁ H ₂₈ N ₇ O ₁₇ P ₃
Spectral Analysis	1. ? at 260 nm and pH7.5: 17.6 x 10 ³ L/mole/cm 2. Ratios at pH 7.5: A ₂₅₀ /A ₂₆₀ Result: 0.83 A ₂₈₀ /A ₂₆₀ Result: 0.21 3. ? when reduced with G6PDH AT 340nm and pH 7.5 Results: 6.2x 10 ³ L/mole/cm 4. Ratio when reduced with G6PDH* at pH 7.5: A ₃₄₀ /A ₂₆₀ Results: 0.43
Sodium Content	3.2%
Water Contents	3.4% by Karl Fisher method
NADP ⁺ contents	93.4%
Preparation and Storage	Short term: 5°C Long term below -20°C

ADDITIONAL INFORMATION

Product Categories/Family for beta-NADP coenzyme

CoEnzymes

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/beta-nadp-coenzyme/beta-nicotinamide-adenine-dinucleotide-phosphate-oxidized-form/78941>