



19628

## **$\beta$ -Nicotinamide Adenine Dinucleotide (Oxidized) ( $\beta$ -NAD, DPN) ExiPlus, Multi-Compendial, 98%**

Part B

CAS : 53-84-9

Molecular Formula : C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub>

Molecular Weight : 663.44

### Specifications

ExiPlus	meets compendial specs of BP, Ph.Eur
Appearance (Colour)	White to off-white
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless to pale yellow
Assay (UV) on dry basis	min. 98.0%
pH (1% aq. solution)	2.5 - 3.0
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	
@260nm	255 - 270
Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )	~0.82
Spectral Ratio (A <sub>280nm</sub> /A <sub>260nm</sub> )	~0.21
Water (KF)	max. 7%

### General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Gms	29349990 (GST 18%)
25 Gms	29349990 (GST 18%)
5 Gms	29349990 (GST 18%)

### Available Packages

1 Gms

5 Gms

25 Gms

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