



26759

## $\beta$ -Nicotinamide Adenine Dinucleotide (Oxidized) ( $\beta$ -NAD, DPN) extrapure, 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

|  |                           |
|--|---------------------------|
| 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                 |
| Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )         | ~0.82                     |
| Spectral Ratio (A <sub>280nm</sub> /A <sub>260nm</sub> )         | ~0.21                     |
| Absorbance (A) of 1% solution (pH 7.0) in a 1 cm cell v/s buffer |                           |
| @260nm   | 255 - 270                 |
| Water (KF)   | max. 7.0%                 |

### 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  |
| 100 Gms |

#### Disclaimer

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