

## Technical Information

### **β-Nicotinamide Adenine Dinucleotide, From Yeast Cell Culture Tested**

**Product Code:TC1156**

### Product Information

|                   |   |
|-------------------|---|
| Product Code      | : TC1156  |
| Product Name      | : β- Nicotinamide Adenine Dinucleotide, From Yeast, Cell Culture Tested         |
| Synonym           | : DPN; NAD  |
| Molecular Formula | : C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub> |
| Molecular Weight  | : 663.43  |
| CAS No.           | : 53-84-9   |

### Technical Specification

|  |   |
|--|---|
| Appearance   | : White to off-white powder or solid.                                 |
| Solubility   | : 5% solution in water is clear and colourless to slightly yellowish. |
| Minimum assay (HPLC)   | : 95.00%  |
| Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell @260 nm | : 255-270   |
| Spectral Ratio   |   |
| A250/A260  | : ~0.82   |
| A280/A260  | : ~0.21   |
| Cell Culture Test  | : Passes test   |

### Risk And Safety Information

|                         |                   |
|-------------------------|-------------------|
| WGK                     | : 3               |
| RTECS                   | : UU3450000       |
| Storage Temperature(°C) | : Store at 2- 8°C |

### Transport Information

|                  |                       |
|------------------|-----------------------|
| Marine Pollutant | : No                  |
| ADR/RID          | : Not Dangerous Goods |
| IMDG             | : Not Dangerous Goods |
| IATA             | : Not Dangerous Goods |

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replace date 15-July-2025