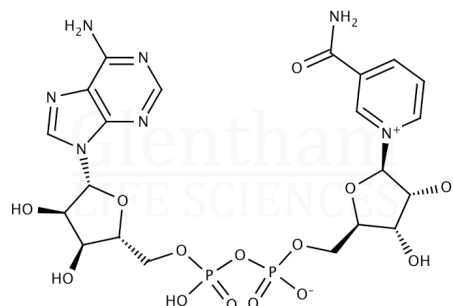


## Product Specification

|                   |   |
|-------------------|---|
| Product Name      | beta-Nicotinamide adenine dinucleotide  |
| Glentham Code     | GV0860  |
| CAS Number        | 53-84-9   |
| EINECS            | 200-184-4   |
| MDL Number        | MFCD00036253  |
| PubChem SID       | 310277407   |
| Molecular Weight  | 663.43 (anhydrous)  |
| Molecular Formula | C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub> |
| Storage Temp.     | -20°C   |



| Property             | Specification                            |
|----------------------|--|
| Physical Description | White to light yellow crystalline powder |
| pH (10% in water)    | 2.0 - 4.0                                |
| Sodium (Na)          | ≤ 1.0%                                   |
| Water                | ≤ 8.0%                                   |
| Purity (Enzymatic)   | ≥ 90.0% (dried basis)                    |
| Purity (HPLC)        | ≥ 95.0%                                  |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.1       |
| Date Created          | - | 2017-06-08 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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