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Certificate of Analysis

| | |
|------------------------------------|--|
| Catalogue Number | 38876 |
| Lot Number | 002162-045807 |
| Product | b-Nicotinamide adenine dinucleotide b-NADP-Na |
| CAS Number | 1184-16-3, 698999-85-8 |
| Molecular Formula | C ₂₁ H ₂₇ N ₇ O ₁₇ P ₃ Na |
| Molecular Weight | 765.40 |
| <hr/> | |
| Appearance | White to off-white powder |
| Cation | Sodium : 2.9% |
| Water Content (Karl Fisher) | 3.9% |
| UV Ratios | Ratio at pH 7.5: A250/A260: 0.83 A280/A260: 0.21 Ratio when reduced with glucose-6-phosphate dehydrogenase at pH 7.5 A340/A260 : 0.42 |
| Purity | 98% (NADP+ : 91.3%) |
| Grade | Suitable for cell culture |
| Storage | Store at ≤ -4 °C |
| Additional Information | Spectral Analysis: 1. e at 260 nm and pH 7.5 (17.5 x 10 ³ L/mol/cm) 2. e when reduced with glucose-6-phosphate dehydrogenase at 340 nm and pH 7.5 (6.1 x 10 ³ L/mol/cm) |

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager