

## 产品检测报告单

## Certificate of Analysis

|                                  |   |                    |             |
|----------------------------------|---|--------------------|-------------|
| 品名<br>Product Name               | 黄素腺嘌呤二核苷酸二钠盐 (FAD)<br>Flavine adenine Dinucleotide (Disodium)                                     | CAS #              | 84366-81-4  |
| 分子式 Formula                      | C27H31N9O15P2Na2  | 分子量 Formula weight | 829.6       |
| 生产日期<br>Production Date          | 2022-12-16  | 批号<br>Batch No.    | XJY06221216 |
| 检测日期<br>Test Date                | 2022-12-20  | 包装规格<br>Pack Size  | 5g/bottle   |
| 有效期 Expiry Date                  | 2 Years   | 检测依据 Specification | 企标 In-house |
| 检测项目及结果 Test Items & Result      |   |                    |             |
| 检测项目 Test Items                  | 规定 Specification  | 检测结果 Result        |             |
| 外观 Appearance                    | 桔黄色粉末<br>Orange yellowish powder  | 符合<br>Conform      |             |
| 纯度 Purity(HPLC)                  | ≥93.0%  | 98.7%              |             |
| 比旋光度 Specific rotation (at 20°C) | -25.5 to 21.0°  | -24.0°             |             |
| 水分 Water (KF)                    | ≤10%  | 4.4%               |             |
| pH 值                             | 5.5-6.5   | 5.7                |             |
| 溶剂状态 State of solution           | Orange yellow and clear   | Conform            |             |
| 重金属含量 heavy metal content        |   |                    |             |
| Pb                               | ≤10ppm  | Conform            |             |
| Arsenic (As2O3)                  | ≤1ppm   | Conform            |             |
| 游离磷酸 Free phosphoric acid        | ≤0.25%  | Conform            |             |
| 相关杂质 Related compounds           | ≤0.1  | Conform            |             |
| 结论<br>Conclusion                 | 所有检验项目均符合规定<br>All inspection items are in conformity with the specifications.                    |                    |             |
| 储存条件<br>Storage Condition        | 密封, 干燥, 避光, 长期储存在-25°C~-15°C<br>Keep dry and away from light, long term storage at -25°C to -15°C |                    |             |

检测 Tested by: 王皖

批准 Approved by: 李勇

