

产品检测报告  
Certificate of Analysis

|                                                        |                                                |                     |                                |
|--------------------------------------------------------|------------------------------------------------|---------------------|--------------------------------|
| 产品名称<br>Product name                                   | L-岩藻糖 L-Fucose                                 |                     |                                |
| CAS No.                                                | 2438-80-4                                      |                     |                                |
| 生产批号 Batch No.                                         | FUC20260826Z                                   | 有效期<br>Expiry Date  | 两年<br>Two years                |
| 生产日期<br>Production date                                | 2026.08.26                                     | 报告日期<br>Report date | 2026.09.03                     |
| 检验项目<br>Test                                           | 目标值<br>Target value                            |                     | 测定结果<br>Results                |
| 含量 Assay                                               | ≥99.0%                                         |                     | 99.8%                          |
| 外观 Appearance                                          | 白色或类白色粉末<br>White or off-white powder          |                     | 符合<br>Compliant with standards |
| 灼烧残渣<br>Ignition residue                               | ≤0.5%                                          |                     | 0.02%                          |
| 干燥失重<br>Loss on drying                                 | ≤1.0%                                          |                     | 0.19%                          |
| 比旋度[α] <sub>D</sub> <sup>20</sup><br>Specific rotation | -73~-76°                                       |                     | -75.32°                        |
| 内毒素 Endotoxin                                          | ≤10EU/mg                                       |                     | <10EU/mg                       |
| 菌落总数<br>Total plate count                              | ≤500 CFU/g                                     |                     | <10CFU/g                       |
| 检测结论<br>Conclusion                                     | 产品符合标准，合格。<br>The product meets the standards. |                     |                                |
| 检测人<br>Inspector                                       | 姚晨煜                                            |                     |                                |
| 复核人<br>Checker                                         | 郑家妹                                            |                     |                                |

备注：含量检测方法为高效液相色谱法（HPLC），以干基计。

Note: The assay is performed using high performance liquid chromatography (HPLC), with the content calculated on a dry-weight basis.

储存条件：室温下储存在密闭容器中避光保存。

Storage conditions: Store in a sealed container at room temperature and avoid light exposure.

