



质量检验报告  
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : D-焦谷氨酸

英文名称(English Name ) : D-Pyroglutamic acid

分子式(Molecular Formula) : C<sub>5</sub>H<sub>7</sub>NO<sub>3</sub>

分子量(Molecular Wt) : 129.11

CAS : 4042-36-8

储存条件(Storage Condition) : RT

货号(Item No) : S20275

批号 (Lot. Number) : LS442430

检测日期(Date of Testing) : 2026-03-06

复测日期(Date of Retesting) : 2029-03-05

| 分析项目<br>SPECIFICATION PROPERTIES    | 技术指标<br>STANDARD                            | 实测结果<br>RESULTS                |
|-------------------------------------|---------------------------------------------|--------------------------------|
| Appearance                          | Off-white to Light-Beige crystalline powder | Light-Beige crystalline powder |
| Assay                               | 99%min                                      | 99.54%                         |
| Melting point                       | 155-162℃                                    | 155.0℃                         |
| Specific rotation[α] <sub>20D</sub> | +8.0 to +12.0°(C=5, H <sub>2</sub> O)       | +11.193°                       |

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