



质量检验报告  
CERTIFICATE OF ANALYSIS

产品名称(Product Name) : L-缬氨酸-<sup>13</sup>C<sub>5</sub>,<sup>1</sup> D

英文名称(English Name ) : L-Valine-<sup>13</sup>C<sub>5</sub>,<sup>15</sup>N

分子式(Molecular Formula) :  $\text{C}_5\text{H}_{11}\text{NO}_2$

CAS : 202407-30-5

货号(Item No) : B72634

检测日期(Date of Testing) : 2026-04-14

分子量(Molecular Wt) : 123.1

储存条件(Storage Condition) : 2-8°C

批号 (Lot. Number) : LB455419

复测日期(Date of Retesting) : 2029-04-13

| 分析项目<br>SPECIFICATION PROPERTIES  | 技术指标<br>STANDARD        | 实测结果<br>RESULTS         |
|-----------------------------------|-------------------------|-------------------------|
| Appearance                        | White Crystalline soild | White Crystalline soild |
| Purity                            | 95%min ( HPLC)          | 99.99%                  |
| Water                             | 0.5%max                 | 0.1%                    |
| Isotopic purity( <sup>15</sup> N) | 98% min                 | 99.00%                  |
| Isotopic purity( <sup>13</sup> C) | 98% min                 | 99.00%                  |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

