



质量检验报告  
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：低熔点琼脂糖

英文名称(English Name)：Agarose(Low melting gel)

CAS：9012-36-6

储存条件(Storage Condition)：RT

货号(Item No)：S14006

批号 (Lot. Number)：KS429259

检测日期(Date of Testing)：2025-12-25

复测日期(Date of Retesting)：2028-12-24

| 分析项目<br>SPECIFICATION PROPERTIES | 技术指标<br>STANDARD                    | 实测结果<br>RESULTS      |
|----------------------------------|-------------------------------------|----------------------|
| Appearance                       | White to Off-White powder           | Off-White powder     |
| Solubility                       | 20mg/mL, Hot H2O                    | Colloidal solution   |
| Water                            | 10% max                             | 5.8%                 |
| Gel Strength                     | ≥ 200.0g/cm <sup>2</sup> (1.0% Gel) | 347g/cm <sup>2</sup> |
| EEO(Electroendosmosis(-Mr))      | ≤ 0.13                              | 0.07                 |
| Sulfate(SO4)                     | ≤ 0.1%                              | 0.09%                |
| Ash                              | ≤ 0.5%                              | 0.21%                |
| Gelling Point                    | 25.0-30.0°C(1.5% Gel)               | 29.0°C               |
| Melting temperature              | ≤ 67.0°C(1.5% Gel)                  | 63.4°C               |

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu