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## 质量检验报告 CERTIFICATE OF ANALYSIS

产品名称(Product Name) : 谷胱甘肽还原酶

英文名称(English Name) : Glutathione Reductase from baker's yeast

CAS : 9001-48-3

储存条件(Storage Condition) : 2-8°C

货号(Item No) : S10151

批号 (Lot. Number) : KS367226

检测日期(Date of Testing) : 2025-04-02

复测日期(Date of Retesting) : 2027-04-01

| 分析项目<br>SPECIFICATION PROPERTIES | 技术指标<br>STANDARD               | 实测结果<br>RESULTS           |
|----------------------------------|--------------------------------|---------------------------|
| Appearance                       | White to Yellow suspension     | Yellow suspension         |
| Assay                            | 1.0 mg protein/ml min (Biuret) | 5.2 mg protein/ml(Biuret) |
| Specific activity                | 100-300 u/mg protein           | 217 u/mg protein          |

酶活定义 : One unit will reduce 1.0  $\mu$ mole of oxidized glutathione per min at pH 7.6 at 25 °C.

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu