

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |  |
|--------------------------|--|
| Product Name:            | Recombinant Glucose Oxidase (GOD)  |
| SKU #:                   | G774044  |
| Version:                 | 1  |
| Source:                  | Recombinant  |
| Specifications & Purity: | Bioactive, Recombinant, High performance, ActiBioPure™, EnzymoPure™, ≥90% (SDS-PAGE), ≥150U/mg enzyme powder; ≥300U/mg protein |
| Concentration:           | ≥150U/mg enzyme powder; ≥300U/mg protein   |
| Formulation:             | Lyophilized  |
| Reconstitution:          |  |
| Storage Conditions:      | Store at -20°C, Protected from light, Desiccated, Avoid repeated freezing and thawing  |

| Parameter                                | Limit Values            |
|--|-------------------------|
| Appearance(G774044)                      | Yellow amorphous powder |
| Unit enzyme activity (enzyme powder)     | ≥150(U/mg)              |
| Unit enzyme activity ≥300 U/mg protein   | Conform                 |
| Accelerated Stability (37°C, 7days) ≥90% | Conform                 |
| Solubility                               | Clear                   |
| Catalase Contamination ≤3.0%             | Conform                 |