

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

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| Date of Testing: | 2026-01-04 13:23:35 |
| Date of Next Testing: | 2027-01-04 13:23:35 |
| Product Name: | Horseradish Peroxidase (HRP) |
| Lot #: | ZJ26F0130787 |
| SKU #: | R1507818 |
| Version: | 1 |
| Analysis #: | 028085 |
| Source: | Recombinant |
| Specifications & Purity: | ActiBioPure™, Bioactive, High performance, EnzymoPure™, Recombinant, ≥250U/mg enzyme powder, Rz ≥3; expressed in Nicotiana benthamiana |
| Concentration: | 274U/mg enzyme powder |
| Formulation: | Lyophilized |
| Reconstitution: | Reconstitute in pure water or 0.1M PBS, pH7. |
| Storage Conditions: | Store at -20°C, Desiccated, Avoid repeated freeze-thaw cycles |
| Analysis: | 028085 |

| Parameter | Limit Value | Result |
|---------------------------------|------------------------------------|------------------------------------|
| Enzyme activity (enzyme powder) | ≥250(U/mg) | 274.00000 U/mg |
| RZ (A403/A275) | ≥3 | 3.20000 |
| pH (c=4 mg/ml) | 6.0-7.0 | 6.00000 |
| Appearance(R1507818) | Red-brown lyophilized powder | Red-brown lyophilized powder |
| Solubility: 10mg/ml in water | Transparent reddish-brown solution | Transparent reddish-brown solution |



 Sophia Cheng
 Quality Assurance