

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-01-05 16:30:34
Date of Next Testing:	2027-01-05 16:30:34
Product Name:	Horseradish Peroxidase (HRP)
Lot #:	ZJ26F0130790
SKU #:	R1507818
Version:	1
Analysis #:	028085
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymePure™, 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