

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Horseradish Peroxidase (HRP)
SKU #:	R1507819
Version:	1
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Recombinant, $\geq 150\text{U/mg}$ enzyme powder, $R_z \geq 2$; expressed in <i>Nicotiana benthamiana</i>
Concentration:	$\geq 150\text{U/mg}$ enzyme powder, $R_z \geq 2$; expressed in <i>Nicotiana benthamiana</i>
Formulation:	Lyophilized
Reconstitution:	Reconstitute in pure water or 0.1M PBS, pH7.
Storage Conditions:	Store at -20°C , Desiccated, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(R1507819)	Red-brown lyophilized powder
Enzyme activity (enzyme powder)	$\geq 150(\text{U/mg})$
RZ (A403/A275) ≥ 2	Conform
pH (c=4 mg/ml)	6.0-7.0
Solubility: 10mg/ml in water	Transparent reddish-brown solution