

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Lactate Oxidase (LOX)
SKU #:	L774072
Version:	1
Source:	Recombinant
Specifications & Purity:	Bioactive, Recombinant, High performance, ActiBioPure™, EnzymoPure™, ≥100U/mg enzyme powder; ≥250U/mg protein
Concentration:	≥100U/mg enzyme powder; ≥250U/mg protein
Formulation:	Lyophilized
Reconstitution:	Reconstitute in water.
Storage Conditions:	Store at -20°C, Protected from light, Desiccated, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(L774072)	Yellow amorphous powder
Enzyme activity(enzyme powder)	≥100(U/mg)
Enzyme activity (protein) ≥250 U/mg	Conform
Solubility	Clear
Accelerated Stability (37°C, 7days) ≥90%	Conform
Purity(SDS-PAGE) ≥90%	Conform