

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Sarcosine oxidase (SOX)
SKU #:	rp216177
Version:	4
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Recombinant, ≥ 90% (SDS-PAGE), ≥15 U/mg enzyme powder; expressed in E.coli
Concentration:	≥15 U/mg enzyme powder; expressed in E.coli
Formulation:	Lyophilized
Reconstitution:	Reconstitute in water.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(rp216177)	Yellowish amorphous powder, lyophilized
Purity(SDS-PAGE) ≥90%	Conform
Solubility (10mg powder/mL)	Clear
ATPase ≤0.005%	Conform
Catalase ≤0.03%	Conform
NADH/NADPH oxidase ≤0.01%	Conform
Creatinine amidohydrolase ≤0.01%	Conform
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Specific activity	≥15(U/mg)