



## Certificate of Analysis

### Bovine Liver Catalase

**Catalog Number:** CA1016  
**Lot Number:** 0527602  
**CAS Number:** 9001-05-2  
**E.C. Number:** 1.11.1.6  
**Source:** Bovine Liver  
**Molecular Weight:** ~250,000  
**Storage:** < -20°C, Protect from moisture  
**Date of Manufacture:** December 2, 2015  
**Retest Date:** December 1, 2018

Test	Specification	Result
Appearance	Green powder, lyophilized from sodium citrate buffer	Conforms
Activity	≥ 3,500U/mg powder	3,800U/mg powder
Protein	≥ 0.4mg protein/mg powder	0.42mg protein/mg powder
Specific Activity	7,500U/mg protein	9,000U/mg protein
Solubility (1.0 mg/ml, 0.05M NaPO <sub>4</sub> )	Clear green solution	Conforms

Unit Definition: One Unit is that amount of enzymatic activity which catalyzes the conversion of one μmol of hydrogen peroxide to oxygen and water per minute at 25°C, pH 7.0.

Approved by:

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