

Bovine Liver CATALASE

Item #: 187-10

Description

Cat. No:	187-10
CAS No:	9001-05-2
Appearance:	Green Powder
Synonyms:	H2O2:H2O2 oxidoreductase
Form:	Lyophilized
Storage:	-20 C
Activity:	Typically >1,000 u/mg powder @ 25C
Expiration:	3 years
EC No:	1.11.1.6
Source:	Bovine Liver

Details

Bovine Liver Catalase bulk quantities of 1000kU-50,000kU. bovine Catalase can be purified in the buffer of your choice. custom fills for bovine catalase available on bulk orders.

Catalase is an enzyme found in the blood and in most living cells that catalyzes the decomposition of hydrogen peroxide into water and oxygen.

Catalase has one of the highest turnover rates for all enzymes; one molecule of catalase can convert millions of molecules of hydrogen peroxide to water and oxygen per second.

In microbiology, the catalase test is used to differentiate between bacterial species in the lab.

Bovine Liver Catalase study: beef liver catalase monomer consists of a 506 amino acid polypeptide chain plus one heme group and one NADH molecule. REF: Mathur,etal.(1981) Structure of beef liver catalase.J.Mol.Biol.152,465-99/bovine/catalase

Bovine Liver Catalase study: Dissociation of Bovine Liver Catalase into Subunits on Acetylation. REF: J. Biochem, 1974,Vol.76,No.3 481-491/bovine/catalase

Bovine Liver Catalase study: Stabilization of quaternary structure and activity of bovine liver catalase through encapsulation in liposomes. Bovine Liver Catalase ref: Enzyme and Microbial Technology,16 July 2007/bovine/catalase

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