

## 510 –CATALASE (2000-5000 Unit/Mg)

REF NO: TBL/QA/SS/LC/510	STANDARD SPECIFICATION FOR CATALASE (2000-5000 UNIT/MG)	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 510

### PRODUCT PROPERTIES

C.A.S Number	9001-05-2
Chemical Formula	NA
Formula weight	NA
Functional Uses	Catalase acts as a natural antioxidant to study the roles of reactive oxygen species in gene expression and apoptosis. It has also been used to protect against oxidative damage to proteins, lipids, and nucleic acids. Industrially, catalases have been used to remove hydrogen peroxide added to milk and cheese, in textile bleaching, and to examine its positive effects on the viability of DNA-repair mutants of E. coli.
Standard Packaging	1 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Brown to dark green powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Activity	2000 – 5000 U/mg

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

