

Product:	CATALASE
Product code:	CAT2F
E.C. number:	1.11.1.6
CAS number:	9001-05-2
EINECS number:	232-577-1
Systematic name:	Hydrogen peroxide:hydrogen peroxide oxidoreductase
Source:	Bovine liver
Form:	A freeze-dried material
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
Unit definition:	That amount of enzyme causing the decomposition of one micromole of hydrogen peroxide per minute at 25°C and pH 7.0.
Activity:	Not less than 11,700 U/mg material . (Approximately 40,000 U/mg protein).
Solubility:	Dissolves readily at 5 mg/ml in 0.05M sodium/potassium phosphate buffer, pH 7.0 to give a clear solution.