

Certificate of Analysis

Product Name	Catalase, 40,000 U/mg protein
Glentham Code	GZ3941
CAS Number	9001-05-2
EINECS	232-577-1
MDL Number	MFCD00081483
Batch Number	964YNG

Molecular Weight	-
Molecular Formula	-
Storage Temp.	-20°C

Property	Specification	Batch 964YNG
Physical Description	Lyophilised powder	Lyophilised powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility	0.5% in 0.05M potassium phosphate buffer: Clear solution	Clear solution
Activity	≥ 10000U/mg (of material)	11900U/mg
Activity	Approx. 40000 U/mg (protein)	36600U/mg
Protein Content	Reported	0.325 mg protein/mg material
Unit Definition	One unit decomposes 1µmol of H ₂ O ₂ per minute (25°C, pH 7.0)	Conforms

Specification Version	v1.1
Manufacture Date	2020-07-16
Re-Test Date	2027-01-31

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025