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Certificate of Analysis

Product Name:
CATALASE FROM BOVINE LIVER

Product Number: C100
Lot Number: 100M7030V
Brand: SIGMA
CAS Number: 9001-05-2
MDL Number: MFCD00081483
Storage Temperature: Store at 2 - 8 °C

Test	Specification	Result
Appearance (Color)	Brown to Dark Green	Brown-green
Appearance (Form)	Suspension	Suspension
mg protein/ml (UV)	10 - 60	18 ← Concentration
E1% at 405 nm = 13.5		
units/mg protein	40000 - 60000	47031 ← activity
Unit Definition:		
One unit will decompose 1.0 micromole of Hydrogen Peroxide per minute at pH 7.0 at 25 deg C, while the Hydrogen Peroxide concentration falls from 10.3 to 9.2 millimolar.		



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.