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Product Specification

Product Name:

Catalase from bovine liver - ≥ 20000 units/mg protein, lyophilized powder

Product Number:

E3289

CAS Number:

9001-05-2

MDL:

MFCD00081483

Storage Temperature:

-20 °C

| TEST | Specification |
|------|---------------|
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Solubility (Turbidity)

2 mg/ml, 0.05 M phosphate buffer, pH 7.0.

Clear to Turbid

% Protein (UV)

E1% at 405 nm = 13.5

 ≥ 60

units/mg protein

 ≥ 20000

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.

Thymol Content

 ≤ 0.2 % wt

Specification: PRD.0.ZQ5.10000099026

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.