Calbiochem®

Certificate of Analysis

Cholesterol Oxidase, *Streptomyces* sp.

Batch Number:	D00112431
Material Number:	228250-500U
Molecular Weight:	38000
CAS Number:	9028-76-6
E.C. Number:	1.1.3.6

Analytical Data

Test	Tolerance	Result
Solubility:		H_2O (20 mg/ml)
Color:		Yellow
Appearance:		Lyophilized
Activity:	≥3.000 U/mg	4.540 U/mg
Specific activity:	≥40.00 U/mgP	47.30 U/mgP
pH:	7.0 - 8.0	7.9
Catalase 1:	≤1.000 %	<0.406 %
Glucose oxidase:	≤0.0100 %	<0.0005 %
Uricase:	≤0.0100 %	<0.0014 %
Protein content mg/mg = %:		9.60 %

Unit Definition: One unit is defined as the amount of enzyme that will oxidize 1.0 µmol of cholesterol per min at 25℃, pH 7.0.

Storage and Handling:	-20℃

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15-Apr-2011
Date

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