



## Specification

### Sarcosine Oxidase

<b>Catalog Number:</b>	SO1003
<b>CAS Number:</b>	9029-22-5
<b>E.C. Number:</b>	1.5.3.1
<b>Synonyms:</b>	Sarcosine:oxygen 2-oxidoreductase (demethylating)
<b>Source:</b>	Recombinant in <i>E. coli</i>
<b>Storage:</b>	Store dessicated at -15°C. Allow to come to room temperature before opening. Before returning to storage, re-dessicate under vacuum over silica gel for a minimum of four hours.

Test	Specification
Form	Freeze-dried powder
Activity <sup>1</sup>	≥ 20U/mg powder
Contaminants	
Catalase	≤ 0.5%
Glucose Oxidase	≤ 0.00001%
<sup>1</sup> Unit definition: That amount of enzyme which produces one micromole of formaldehyde per minute at 37°C and pH 7.7.	

Approved:

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