

Product:	SARCOSINE OXIDASE
Product code:	SO2F
E.C. number:	1.5.3.1
CAS number:	9029-22-5
EINECS number:	232-850-5
Systematic name:	Sarcosine: oxygen 2-oxidoreductase (demethylating)
Source:	Recombinant <i>Escherichia coli</i>
Form:	A freeze-dried material.
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours.
Unit definition:	That amount of enzyme which produces one micromole of formaldehyde per minute at 37°C and pH 7.7.
Activity:	Not less than 20 U/mg material
Contaminants:	Based on typical values obtained during development studies. catalase: ≤ 0.5% glucose oxidase: ≤ 0.00001%