innovation diagnostic chemicals
17B Fota Business Park, Carrigtwohill, Cork T45EY16

PRODUCT SPECIFICATIONS

Product :	**Sarcosine oxidase**
Origin :	**Recombinant microorganism**
Code :	**SAR-700**
E.C. Number :	**1.5.3.1**
Nomenclature :	**Sarcosine:oxygen oxidoreductase**
Form :	**Yellowish freeze-dried powder**
Activity :	**≥ 8 u/mg**
Optimum temperature :	**40 - 50 °C**
Optimum pH :	**7.0 - 8.5**
Thermal stability :	**below 55 °C**
Unit definition :	**1 unit causes the production of 1 micromole of H_2O_2/min at 37°C and pH 8**
Stability :	**12 months**
Storage :	**-20 °C**