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

PRODUCT SPECIFICATIONS

Product :	**Ascorbate oxidase**
Origin :	**Cucurbita sp.**
Code :	**ASC-900**
E.C. Number :	**1.10.3.3**
Nomenclature :	**L-Ascorbate: oxygen oxidoreductase**
Form :	**Light blue amorphous powder**
Molecular weight :	**140,000**
Activity :	**≥ 200 u/mg**
Optimum temperature :	**45 °C**
Optimum pH :	**5.5 - 6.5**
Unit definition :	**1 unit causes the hydrolysis of 1 micromole of ascorbic acid/min at 30°C and pH 5.6**
Stability :	**12 months**
Storage :	**-20 °C**