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

PRODUCT SPECIFICATIONS

Product :	**Creatinase**
Origin :	**Recombinant microorganism**
Code :	**CRA-800**
E.C. Number :	**3.5.3.3**
Nomenclature :	**Creatine amidinohydrolase**
Form :	**White freeze-dried powder**
Activity :	**≥ 4 u/mg**
Optimum temperature :	**40 - 50 °C**
Optimum pH :	**6.5 - 7.5**
Thermal stability :	**below 50 °C**
Unit definition :	**1 unit causes the production of 1 micromole of urea/min at 37°C and pH 7.5**
Stability :	**12 months**
Storage :	**-20 °C**