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

PRODUCT SPECIFICATIONS

Product :	**Glutamate Dehydrogenase**
Origin :	**Microorganism**
Code :	**GDH-900**
E.C. Number :	**1.4.1.2**
Nomenclature :	**L-Glutamate:NAD^+ oxidoreductase (deaminating)**
Appearance :	**White amorphous powder, lyophilized**
Activity :	**≥ 100 u/mg**
Contaminants :	**NAD oxidase: ≤ $1x10^{-2}$ %**
Optimum pH :	**7.5 - 8.0**
Optimum temperature :	**55 °C**
Unit definition :	**1 unit causes the oxidation of 1 µmol of NADH/min at 30°C and pH 7.5**
Stability :	**12 months**
Storage :	**-20 °C**