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

PRODUCT SPECIFICATIONS

Product :	**Malate Dehydrogenase**
Origin :	**Pig heart**
Code :	**MDH-800**
E.C. Number :	**1.1.1.37**
Nomenclature :	**(S)-Malate:NAD^+ oxidoreductase**
Form :	**White amorphous powder**
Activity :	**≥ 100 u/mg**
Contaminants :	**Glutamate dehydrogenase: ≤ 10^{-3} %** **Lactate dehydrogenase: ≤ $5x10^{-3}$ %** **GOT: ≤ $5x10^{-3}$ %**
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**