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

PRODUCT SPECIFICATIONS

Product :	**D-3-Hydroxybutyrate dehydrogenase**
Origin :	**Microorganism**
Code :	**HDH-800**
E.C. Number :	**1.1.1.30**
Nomenclature :	**(R)-3-Hydroxybutanoate: NAD^+ oxidoreductase**
Form :	**White lyophilized powder**
Molecular weight :	**28,000**
Activity :	**≥ 170 u/mg**
Optimum temperature :	**50 °C**
Optimum pH :	**8.0 - 8.5**
Unit definition :	**1 unit causes the formation of 1 micromole of NADH/min at 37°C and pH 8.5**
Stability :	**12 months**
Storage :	**-20 °C**