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

PRODUCT SPECIFICATIONS

Product :	**Alcohol dehydrogenase**
Origin :	**Yeast**
Code :	**ADH-900**
E.C. Number :	**1.1.1.1**
Nomenclature :	**Alcohol: NAD+ oxidoreductase**
Form :	**White freeze-dried powder**
Molecular weight :	**141,000**
Activity :	**≥ 100 u/mg**
Contaminants :	**Lactate dehydrogenase ≤ 0.01%; Myokinase ≤ 0.05%; Pyruvate kinase ≤ 0.01% Aldolase ≤ 0.02%; Carboxylase ≤ 0.05%; Phosphoglycerate kinase ≤ 0.05%**
Optimum temperature :	**32 °C**
Optimum pH :	**8.0 - 9.5**
Unit definition :	**1 unit generates 1 micromole of NADH/min at 25°C and pH 8.8**
Stability :	**12 months**
Storage :	**-20 °C**