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

PRODUCT SPECIFICATIONS

Product :	**Diaphorase**
Origin :	**Microorganism**
Code :	**DPA-800**
E.C. Number :	**1.6.99.-**
Nomenclature :	**NAD(P)H: (acceptor) oxidoreductase**
Form :	**Yellowish amorphous powder**
Molecular weight :	**24,000**
Activity :	**≥ 500 u/mg**
Contaminants :	**Myokinase ≤ 0.5 %; NADH oxidase ≤ 0.1 %**
Optimum temperature :	**50 °C**
Optimum pH :	**8.5**
Unit definition :	**1 unit causes decrease in DCPIP by 1 absorbance unit/min at 25°C and pH 7.5**
Stability :	**12 months**
Storage :	**-20 °C**