

CERTIFICATE of ANALYSIS

PRODUCT: **Diaphorase (NADPH) [DIP]**
From *Bacillus megaterium*, [NAD(P)H dehydrogenase (quinone)]; NADPH: dye oxidoreductase
E.C. 1.6.99.1

PRODUCT NUMBER: N-1185

LOT NUMBER: F1060E

APPEARANCE: Yellowish lyophilized powder

SPECIFICATIONS:

RESULTS:

ACTIVITY: ≥ 5 U/mg 26 U/mg

CONTAMINATING ENZYMES:

Myokinase: ≤ 0.50% (U/U) < 0.05% (U/U)

APPEARANCE OF SOLUTION: Clear Clear
(In 5 U/ml in buffer)

A400 nm: ≤ 0.100 0.022

A500 nm: ≤ 0.050 0.010

A650 nm: ≤ 0.020 0.000

PROTEIN (Lowry method): 93%

MOISTURE: 4.3%

DESCRIPTION: Useful for enzymatic determination of reduced NADP.

STORAGE & HANDLING: Store desiccated at -20°C. **PROTECT FROM LIGHT!**

WARNING: HARMFUL!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS