

Certificate of Analysis

PRODUCT: **Diaphorase (NADH) [DI]**
From *Bacillus megaterium*,
(NADH: acceptor oxidoreductase, E.C. 1.6.5.2)
CAS# [9001-18-7]

PRODUCT NUMBER: N-1181

LOT NUMBER: H1377

APPEARANCE: Yellowish lyophilized powder

SPECIFICATIONS: RESULTS:

ACTIVITY: 30.0 – 60.0 U/mg 39 U/mg

PROTEIN (LOWRY METHOD): N/A 88%

MOISTURE: N/A 3.7%

CONTAMINATING ENZYMES:

NADH-oxidase: N/A 3.0% (U/U)

NADPH-oxidoreductase [DIP]: N/A 14.0% (U/U)

APPEARANCE of SOLUTION: Clear Clear

2U/ML in buffer A400 nm: ≤0.050 0.004

A500 nm: ≤0.025 0.001

A650 nm: ≤0.010 0.000

RECERTIFICATION DATE: November 2022

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

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