



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A38252H **Lot #:** 12H23612

Description: Human Lactate Dehydrogenase 2
Lactate Dehydrogenase Isoenzyme 2 (LDH2)

Source: Human erythrocytes (red blood cells).

Format: Ammonia Sulfate Suspension, Liquid

Purification: LD1 ≤ 1% (Helena Electrophoresis)
LD2 ≥ 99%
LD3 ≤ 1%
LD4 ≤ 1%
LD5 ≤ 1%

Known

Contaminants: CK 0.01%
GOT 0.03%

Concentration: Activity: 690 Unit/mL @ 37°C Dimension
Protein: 2.3 mg Protein/mL (Coomassie)
Specific Activity: 300 Unit/mg Protein
One unit will catalyze the transformation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.

Buffer: 3.1 M Ammonium Sulfate, 20 mM Tris-Chloride, 1 mM DTT, 1 mM EDTA, pH 7.5.

Preservative: None

Applications: Specific methodologies have not been tested using this product.

Storage: Store at 2–8°C. **DO NOT FREEZE!**

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

CORRY THOMAS

23 May 2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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