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## Certificate of Analysis

|                                 |  |
|---------------------------------|--|
| <b>Product</b>                  | <b>74117 - Glutamate Dehydrogenase (L-GLDH) ex. Bovine Liver, 10U/mg - [9029-12-3]</b> |
| <b>Batch No</b>                 | <b>9060722</b>   |
| <b>Analysis Date</b>            | 09-Aug-2023  |
| <b>Date of Manufacture</b>      | August 2023  |
| <b>Expiry Date/Re-Test Date</b> | August 2028  |

| Test Parameters                            | Standards   | Actual Results     |
|--|---|--------------------|
| Appearance (Colour)                        | White   | White              |
| Appearance (Form)                          | Powder  | Powder             |
| Activity                                   | min. 10 units/mg powder   | 10 units/mg powder |
| Unit Definition                            | One unit will reduce 1.0 micromole of $\alpha$ -ketoglutarate to L-glutamate per min at pH 7.3 at 25 °C in the presence of ammonium ions. | Conforms           |
| Enzyme solution for activity determination | Prepared in 50 mM potassium phosphate buffer (containing 50 mM EDTA solution), pH 6.6.  | Conforms           |

FRM/82/11/4/74117 Rev No. 3 Date 17/09/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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