

## Certificate of Analysis

Date of Testing: 2023-02-20 19:43:39

Date of Next Testing: 2027-02-19 19:43:39

Product Name: **DL-2-Aminobutyric acid**

CAS Number: 2835-81-6

Specifications & Purity: 99%

Lot #: B2315528

SKU #: **A111241**

**Analysis:** **190422**

Storage Temperature: Protected from light, Argon charged

| Parameter                                                                              | Limit Values                                    | Result                                          |
|----------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> )                                                | 98.5-101.5 (%)                                  | 99.78 %                                         |
| Purity(HPLC)                                                                           | 99-100 (%)                                      | 99.62900 %                                      |
| Appearance (A111241)                                                                   | white powder, crystals, flakes<br>and/or chunks | white powder, crystals, flakes<br>and/or chunks |
| Proton NMR spectrum                                                                    | Conforms to Structure                           | Conforms to Structure                           |
| Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow,<br>Clear, at 50 mg/ml | pass                                            | Pass                                            |



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