

# SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,

SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.

WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106, 107, & 110 1ST FLOOR, BHOIDAPADA,

SATIVALI ROAD, VASAI (EAST), PALGHAR - 401 208. MH, INDIA

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## Certificate Of Analysis

| PRODUCT NAME            | L-ALANINE (FOR BIOCHEMISTRY)                  |
|-------------------------|-----------------------------------------------|
| CAS NUMBER              | 56-41-7                                       |
| MOLECULAR FORMULA       | C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> |
| MOLECULAR WEIGHT (M.W.) | 89.09                                         |
| BATCH NUMBER            | LA092521                                      |
| MFG DATE                | SEPTEMBER 2025                                |
| BEST BEFORE             | AUGUST 2030                                   |
| PRODUCT CODE            | A0015500100                                   |

| DESCRIPTION                                        | LIMITS                         | RESULTS   |
|----------------------------------------------------|--------------------------------|-----------|
| APPEARANCE                                         | WHITE<br>CRYSTALLINE<br>POWDER | COMPLIES  |
| ASSAY: MINIMUM                                     | 99.0%                          | 99.40%    |
| MAX. LIMIT OF IMPURITIES                           |                                |           |
| HEAVY METAL (as Pb)                                | 0.001%                         | 0.0005%   |
| AMMONIUM (NH <sub>4</sub> )                        | 0.01%                          | 0.005%    |
| FOREIGN AMINO ACIDS                                | 0.3%                           | 0.2%      |
| NINHYDRINE POSITIVE<br>SUBSTANCES (AS GLYCINE)     | 0.1%                           | 0.05%     |
| SPECIFIC OPTICAL<br>ROTATION([α] <sub>20/D</sub> ) | +14 TO +15 DEG                 | +14.3 DEG |

#### DISCLAIMER:

- SUVCHEM™ Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- SUVCHEM™ shall not be responsible for any damage resulting from handling or from contact with the above product.