

Certificate of Analysis

Date of Testing: 2024-07-04 13:41:27
Date of Next Testing: 2026-07-04 13:41:27
Product Name: **Levetiracetam**
CAS Number: 102767-28-2
Specifications & Purity: $\geq 99\%$
Lot #: F2425342
SKU #: **L129699**
Version: **0**
Analysis #: **353571**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in Acetone})}$ | -90--86 ($^{\circ}$) | -86.33 $^{\circ}$ |
| Nitrogen by Elemental Analysis | 16.1-16.7 (%) | 16.53% |
| Carbon by Elemental Analysis | 55.7-56.6 (%) | 56.49% |
| Oxygen by Elemental Analysis | 18.4-19 (%) | 18.78% |
| Purity(HPLC) | 99-100 (%) | 99.46400% |
| Melting point | 116-120 ($^{\circ}\text{C}$) | 118.00000 $^{\circ}\text{C}$ |
| Appearance (L129699) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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