

## Certificate of Analysis

Date of Testing: 2023-03-18 16:06:58  
Date of Next Testing: 2025-03-17 16:06:58  
Product Name: **Levetiracetam**  
CAS Number: 102767-28-2  
Specifications & Purity:  $\geq 99\%$   
Lot #: C2314304  
SKU #: **L129699**  
Version: **0**  
Analysis #: **068702**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	16.1-16.7 (%)	16.66%
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in Acetone})$	-90--86 ( $^{\circ}$ )	-89.30 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.53800%
Melting point	116-120 ( $^{\circ}\text{C}$ )	118.97000 $^{\circ}\text{C}$
Carbon by Elemental Analysis	55.7-56.6 (%)	56.59%
Oxygen by Elemental Analysis	18.4-19 (%)	18.41%
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



John Su  
QA & QC Manager