

Certificate of Analysis

Date of Testing: 2022-03-03 17:23:13
Date of Next Testing: 2024-03-02 17:23:13
Product Name: **Levetiracetam**
CAS Number: 102767-28-2
Specifications & Purity: $\geq 99\%$
Lot #: C2202109
SKU #: **L129699**
Version: **0**
Analysis #: **068702**
Storage Temperature: Store at -20°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