

Certificate of Analysis

Date of Testing: 2025-08-28 09:59:51
 Date of Next Testing: 2028-08-27 09:59:51
 Product Name: (S)-(-)-Thalidomide
 CAS Number: 841-67-8
 Specifications & Purity: ≥95%
 Lot #: H2520636
 SKU #: T340150
 Version: 2
 Analysis #: 552354
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.23500 %
Specific rotation $[\alpha]_{23/D}(c=2 \text{ in DMF})$	-69~-56 (°)	-64.45000 °
Appearance(T340150)	white to light yellow solid or powder	white to light yellow solid or powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager