

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-21 10:57:59

Date of Next Testing: 2027-03-21 10:57:59

Product Name: **Captopril**

CAS Number: 62571-86-2

Specifications & Purity: Moligand™, ≥98%

Lot #: C2514074

SKU #: **C129108**

Version: **0**

Analysis #: **116131**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(Potassium iodate Method)	98-100 (%)	99.36 %
Melting point	105-110 (°C)	109.76000 °C
Carbon by Elemental Analysis	48.7-50.7 (%)	49.56 %
Nitrogen by Elemental Analysis	6.1-6.7 (%)	6.43 %
Purity(HPLC)	98-100 (%)	99.54600 %
Specific Rotation [α] _{20/D} (c=1 in EtOH)	-134--125 (°)	-127.77 °
Appearance (C129108)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear	pass	Pass



John Su
QA & QC Manager