

## Certificate of Analysis

Date of Testing: 2023-07-10 11:02:57  
Date of Next Testing: 2025-07-09 11:02:57  
Product Name: **Captopril**  
CAS Number: 62571-86-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2114488  
SKU #: **C129108**  
**Analysis: 249138**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(Potassium iodate Method)	98-100 (%)	98.96 %
Melting point	105-110 ( $^{\circ}\text{C}$ )	109.71000 $^{\circ}\text{C}$
Carbon by Elemental Analysis	48.7-50.7 (%)	49.70 %
Nitrogen by Elemental Analysis	6.1-6.7 (%)	6.28 %
Purity(HPLC)	98-100 (%)	98.97200 %
Specific Rotation $[\alpha]_{20}^{\text{D}}$ (c=1 in EtOH)	-134--125 ( $^{\circ}$ )	-132.61 $^{\circ}$
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