

## Certificate of Analysis

Date of Testing: 2022-02-23 16:02:25  
Date of Next Testing: 2026-02-22 16:02:25  
Product Name: **Carvedilol**  
CAS Number: 72956-09-3  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: D1820096  
SKU #: **C123267**  
**Analysis:** **077231**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.12 %
Melting point	115-119 (°C)	115.58000 °C
Purity(HPLC)	98-100 (%)	99.26620 %
Appearance (C123267)	White to off-white solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager