

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 18:00:49

Date of Next Testing: 2026-05-03 18:00:49

Product Name: **Carvedilol EP Impurity A**

CAS Number: 1198090-73-1

Specifications & Purity: $\geq 95\%$

Lot #: D23241048

SKU #: **C418541**

Version: **1**

Analysis #: **203305**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.28000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager