

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-28 11:34:23

Date of Next Testing: 2029-03-27 11:34:23

Product Name: **(±)-Penbutolol**

CAS Number: 36507-48-9

Specifications & Purity: Moligand™, ≥97%

Lot #: C2617536

SKU #: **R340217**

Version: **1**

Analysis #: **631241**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.80100 %
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager