9-Me-BC

9-Methyl-beta-carboline

THIRD-PARTY ANALYTICAL REPORT

LOT & ANALYSIS SUMMARY

LOT	PCS-9me-2726O
TESTING LABORATORY	NuMega Resonance Labs - San Diego, CA
LAB REFERENCE	2606PEAK.535C
REPORT DATE	October 27, 2026
METHOD	Quantitative ^{1}H NMR (qNMR)
REPORTED PURITY	**99.8%**

Determined by NuMega Resonance Labs, an independent contract analytical laboratory. Peak Chemical Supply did not perform, influence, or certify this analysis.

INCLUDED DOCUMENTATION

01	Quantitative ^{1}H NMR Analysis Report
02	^{1}H NMR Spectrum

FOR RESEARCH USE ONLY

This cover page was prepared by Peak Chemical Supply for document organization and lot traceability. Analytical results summarized above are reproduced from the attached original third-party laboratory documentation, which follows unaltered.

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October 27, 2026

NuMega Reference #
2606PEAK.535C

Company: Peak Chemical Supply

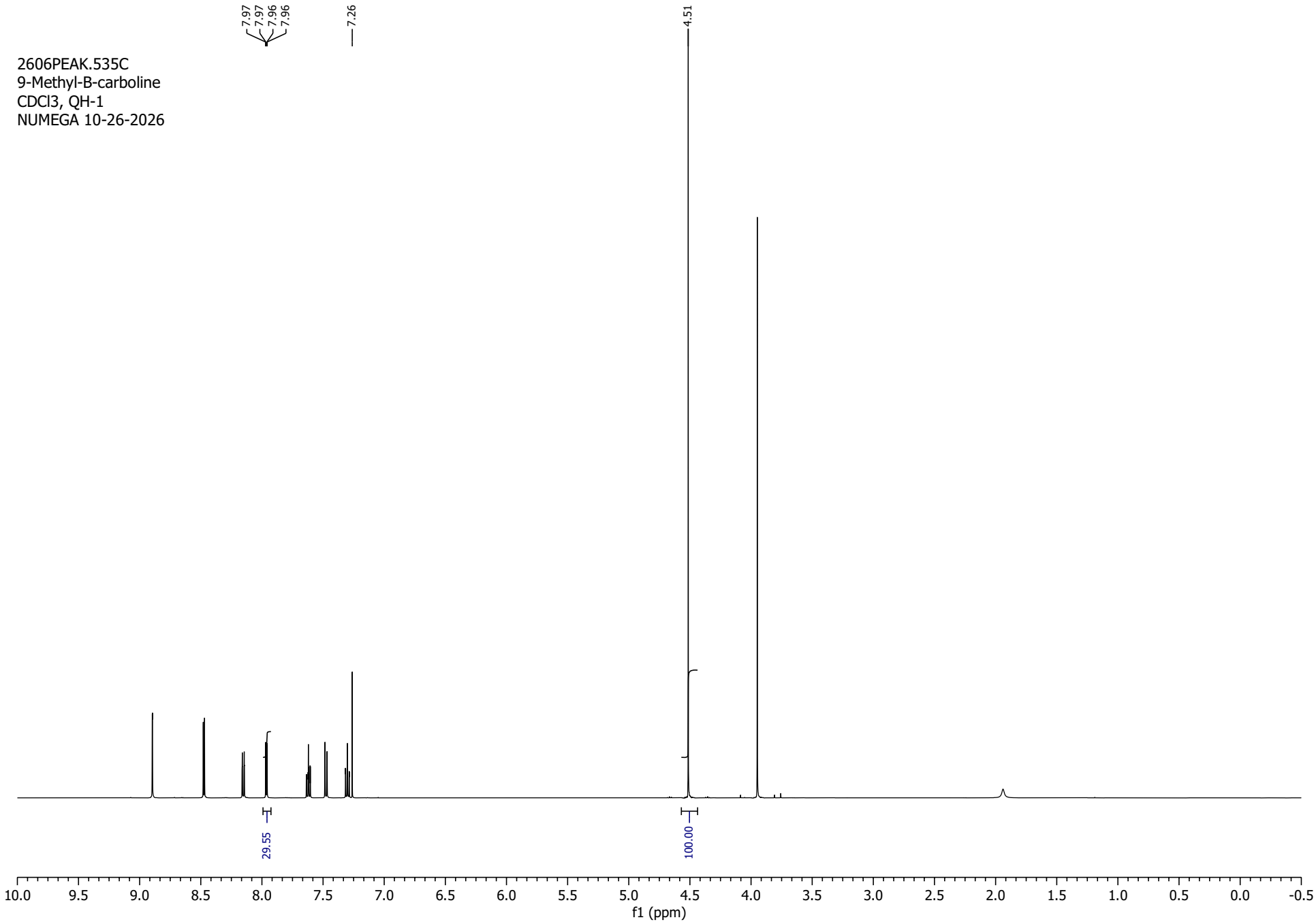
Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	9-Methyl-B-carboline
Standard	Ethylene Carbonate
Weight of Standard (wt_{st})	2.311
Weight of Sample (wt_{sa})	5.634
Assumed Sample Molecular Weight (MW_{sa})	182.226
Standard Molecular Weight (MW_{st})	88.06
Integration of Sample (I_{sa})	29.49
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	4
# of Equivalent Nuclei in Sample (n_{sa})	1
Assigned Purity of Standard % (P)	99.71
Purity %	99.8

Formula Used for Calculation:

$$Purity\ \% = \frac{wt_{st}}{wt_{sa}} \times \frac{MW_{sa}}{MW_{st}} \times \frac{I_{sa}}{I_{st}} \times \frac{n_{st}}{n_{sa}} \times P$$


7.97
7.97
7.96
7.96
7.26
4.51
2606PEAK.535C
9-Methyl-B-carboline
CDCl3, QH-1
NUMEGA 10-26-2026
29.55
100.00
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
f1 (ppm)