

9-Me-BC

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THIRD-PARTY ANALYTICAL REPORT

LOT & ANALYSIS SUMMARY

LOT	PN-9MBC-2608A
TESTING LABORATORY	NuMega Resonance Labs - San Diego, CA
ANALYSIS DATE	August 20, 2026
METHOD	Quantitative ^1H NMR (qNMR)

REPORTED PURITY



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

INCLUDED DOCUMENTATION

- | | |
|----|---|
| 01 | Quantitative ^1H NMR Analysis Report |
| 02 | ^1H NMR Spectrum |

FOR RESEARCH USE ONLY

This cover page was prepared by Peak Nootropics for document organization and lot traceability. It is not a certificate of analysis. Analytical results summarized above are reproduced from the attached original third-party laboratory documentation, which follows unaltered.

August 10, 2026

NuMega Reference #
2604PEAK.790I

Company: Peak Nootropics

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})	2.080
Weight of Sample (wt _{sa})	11.362
Assumed Sample Molecular Weight (MW _{sa})	182.22
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	65.88
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 %	99.5

Formula Used for Calculation:

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

