Pramiracetam

THIRD-PARTY ANALYTICAL REPORT

LOT & ANALYSIS SUMMARY

LOT	PCS-PRAM-1926A
TESTING LABORATORY	NuMega Resonance Labs - San Diego, CA
LAB REFERENCE	2604PEAK.790C
REPORT DATE	August 19, 2026
METHOD	Quantitative ^{1}H NMR (qNMR)
REPORTED PURITY	97.3%

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 third-party laboratory documentation that follows.

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August 19, 2026

NuMega Reference #
2604PEAK.790C

Company: Peak Nootropics

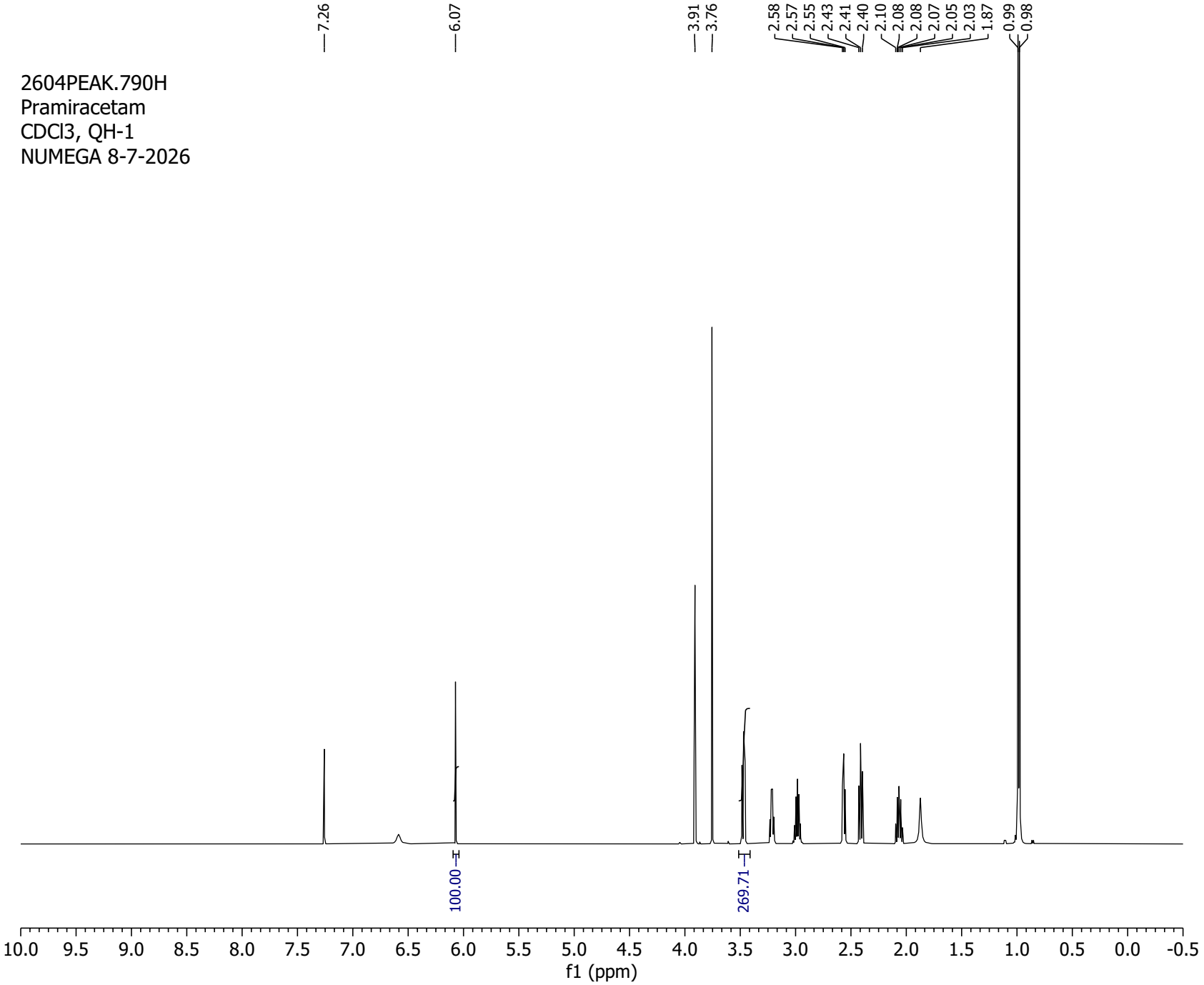
Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Pramiracetam
Standard	Ethylene Carbonate
Weight of Standard (wt_{st})	2.204
Weight of Sample (wt_{sa})	12.912
Assumed Sample Molecular Weight (MW_{sa})	287.4
Standard Molecular Weight (MW_{st})	88.06
Integration of Sample (I_{sa})	87.62
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	4
# of Equivalent Nuclei in Sample (n_{sa})	2
Assigned Purity of Standard % (P)	99.71
Purity %	97.3

Formula Used for Calculation:

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


2604PEAK.790H
Pramiracetam
CDCl3, QH-1
NUMEGA 8-7-2026
7.26
6.07
3.91
3.76
2.58
2.57
2.55
2.43
2.41
2.40
2.10
2.08
2.08
2.07
2.05
2.03
1.87
0.99
0.98
100.00
269.71
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)