# Tropisetron HCl

## Tropisetron Hydrochloride

THIRD-PARTY ANALYTICAL REPORT

### LOT & ANALYSIS SUMMARY

| | |
|---|---|
| LOT | PCS-Trop-2608A |
| TESTING LABORATORY | NuMega Resonance Labs - San Diego, CA |
| LAB REFERENCE | 2605PEAK.252B |
| REPORT DATE | August 25, 2026 |
| METHOD | $^{1}$H NMR |
| REPORTED PURITY | **99.2%** |

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 |
| 03 | $^{1}$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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August 26, 2026

**NuMega Reference #**
2605PEAK.252B

Company: Peak Nootropics

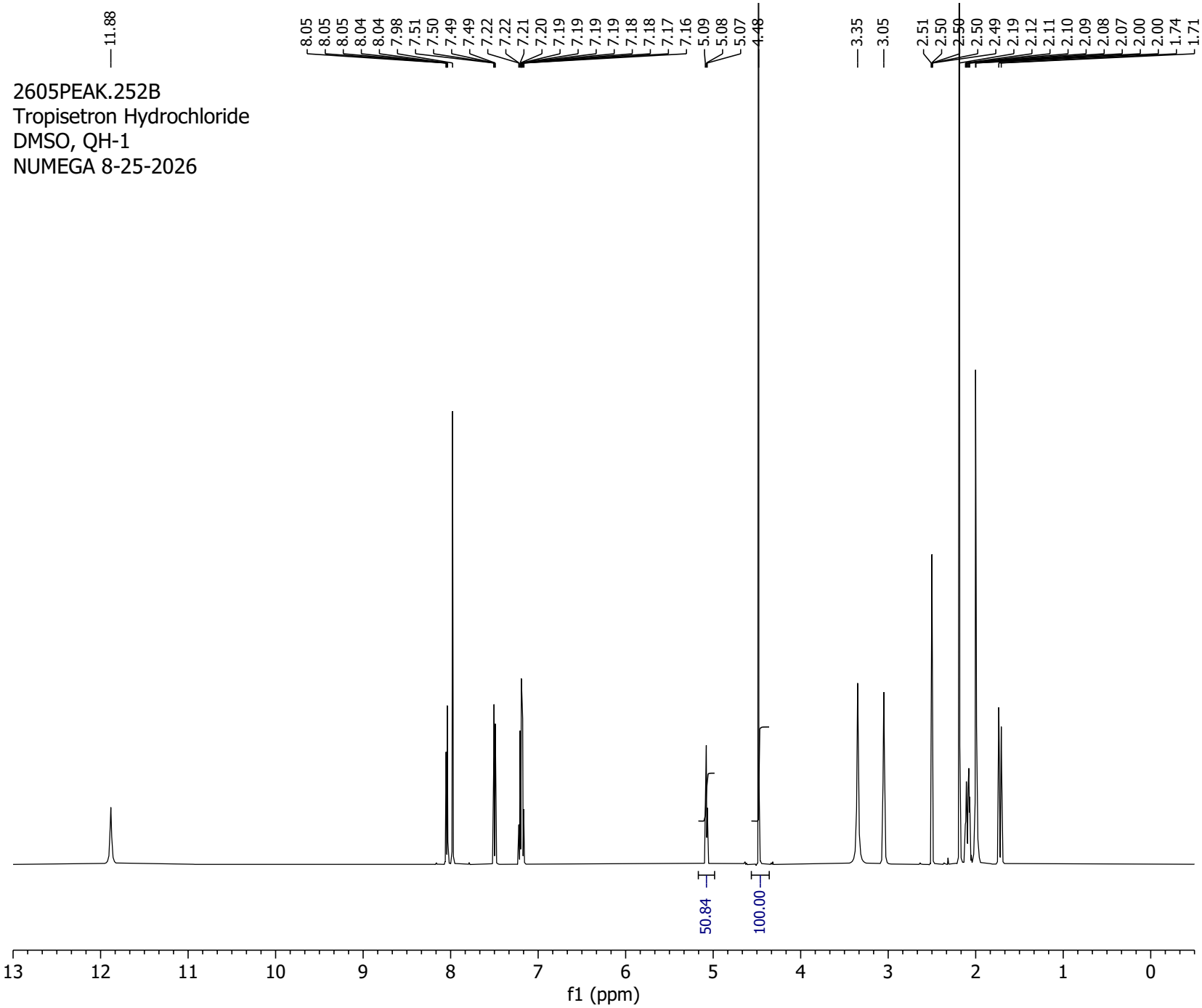
# Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

| Sample ID | Tropisetron Hydrochloride |
|---|---|
| Standard | Ethylene Carbonate |
| Weight of Standard ($wt_{st}$) | 1.460 |
| Weight of Sample ($wt_{sa}$) | 10.869 |
| Assumed Sample Molecular Weight ($MW_{sa}$) | 320.82 |
| Standard Molecular Weight ($MW_{st}$) | 88.06 |
| Integration of Sample ($I_{sa}$) | 50.84 |
| 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 % | 99.2 |

Formula Used for Calculation:

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


2605PEAK.252B
Tropisetron Hydrochloride
DMSO, QH-1
NUMEGA 8-25-2026
11.88
8.05
8.05
8.05
8.04
8.04
7.98
7.51
7.50
7.49
7.49
7.22
7.22
7.21
7.20
7.19
7.19
7.19
7.19
7.18
7.18
7.17
7.16
5.09
5.08
5.07
4.48
3.35
3.05
2.51
2.50
2.50
2.50
2.49
2.19
2.12
2.11
2.10
2.09
2.08
2.07
2.00
2.00
1.74
1.71
50.84
100.00
13
12
11
10
9
8
7
6
5
4
3
2
1
0
f1 (ppm)

2605PEAK.252B
Tropisetron Hydrochloride
DMSO, QH-1
NUMEGA 8-25-2026

