NuMega Resonance Labs
Fast Reliable Services
11526 Sorrento Valley Road, Suite B-2 ◆ San Diego, CA 92121 ◆ USA
Phone 858-793-6057 ◆ Fax 858-793-2607

February 19, 2026

NuMega Reference #

2601BROM.022B

Bromantane LLC

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Noopept
Standard	1,3,5-Trimethyoxybenzene
Weight of Standard (wt_{st})	1.514
Weight of Sample (wt_{sa})	7.790
Assumed Sample Molecular Weight (MW_{sa})	318.40
Standard Molecular Weight (MW_{st})	168.19
Integration of Sample (I_{sa})	451.60
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	3
# of Equivalent Nuclei in Sample (n_{sa})	5
Assigned Purity of Standard % (P)	99.83
Purity %	99.5%

Formula Used for Calculation: $$WT\% = \frac{wt_{st}}{wt_{sa}} \times \frac{MW_{sa}}{MW_{st}} \times \frac{I_{sa}}{I_{st}} \times \frac{n_{st}}{n_{sa}} \times P$$