

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

August 4, 2023

NuMega Reference #

2306BROM.708B

Bromantane, LLC

bromantanespray@protonmail.com

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Piracetam
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	2.396
Weight of Sample (wt _{sa})	10.179
Sample Molecular Weight (MW _{sa})	142.16
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	131.49
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)	99.94
Purity %	99.9%

Formula Used for Calculation:

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