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

May 18, 2023

NuMega Reference #

2304BROM.158J

Bromantane, LLC

bromantanespray@protonmail.com

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	MK-677
Standard	Maleic acid
Weight of Standard (wt_{st})	2.524
Weight of Sample (wt_{sa})	15.403
Sample Molecular Weight (MW_{sa})	624.80
Standard Molecular Weight (MW_{st})	116.04
Integration of Sample (I_{sa})	55.14
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	2
# of Equivalent Nuclei in Sample (n_{sa})	1
Assigned Purity of Standard % (P)	99.92
Purity %	97.2%

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