

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

March 30, 2023

NuMega Reference #

2302BROM.664A

Bromantane, LLC

bromantanespray@protonmail.com

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Roxadustat
Standard	Maleic acid
Weight of Standard (wt _{st})	1.587
Weight of Sample (wt _{sa})	9.548
Sample Molecular Weight (MW _{sa})	353.34
Standard Molecular Weight (MW _{st})	116.04
Integration of Sample (I _{sa})	292.99
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	2
# of Equivalent Nuclei in Sample (n _{sa})	3
Assigned Purity of Standard % (P)	99.94
Purity %	98.8%

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