

NuMega Resonance Labs

Fast Reliable Services

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NuMega Reference #

2302BROM.664D

Bromantane, LLC

bromantanespray@protonmail.com

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Neboglamine Freebase
Standard	Maleic acid
Weight of Standard (wt_{st})	1.909
Weight of Sample (wt_{sa})	9.357
Sample Molecular Weight (MW_{sa})	256.35
Standard Molecular Weight (MW_{st})	116.04
Integration of Sample (I_{sa})	654.05
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	2
# of Equivalent Nuclei in Sample (n_{sa})	6
Assigned Purity of Standard % (P)	99.94
Purity %	98.2%

Formula Used for Calculation:

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