

July 24, 2026

NuMega Reference #
2604KIME.494Q

Company: Kimera Chem

Quantitative Analysis Report

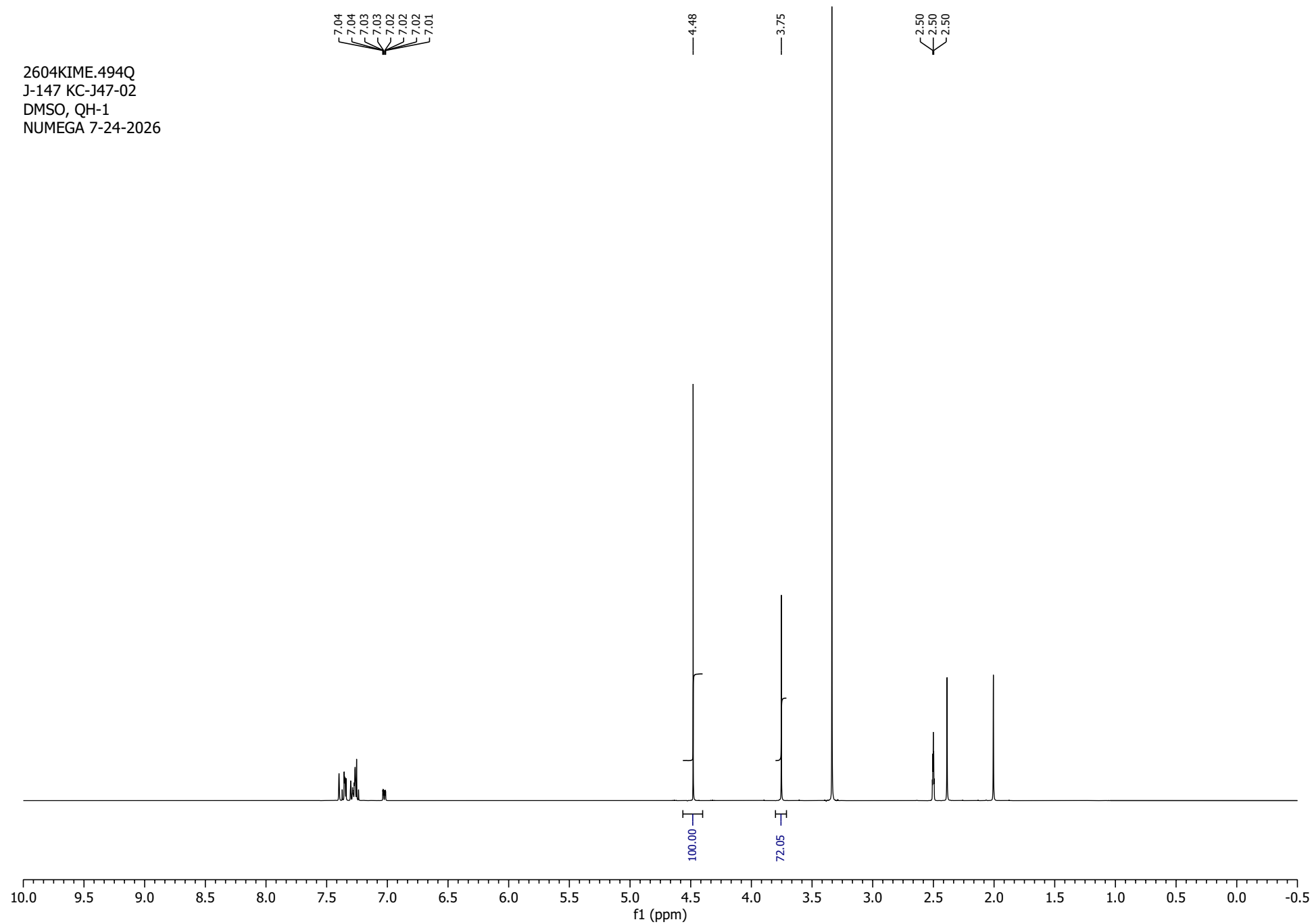
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	J-147 KC-J47-02
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	2.293
Weight of Sample (wt _{sa})	8.756
Assumed Sample Molecular Weight (MW _{sa})	350.34
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	72.05
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	4
# of Equivalent Nuclei in Sample (n _{sa})	3
Assigned Purity of Standard % (P)	99.71
Purity %	99.8

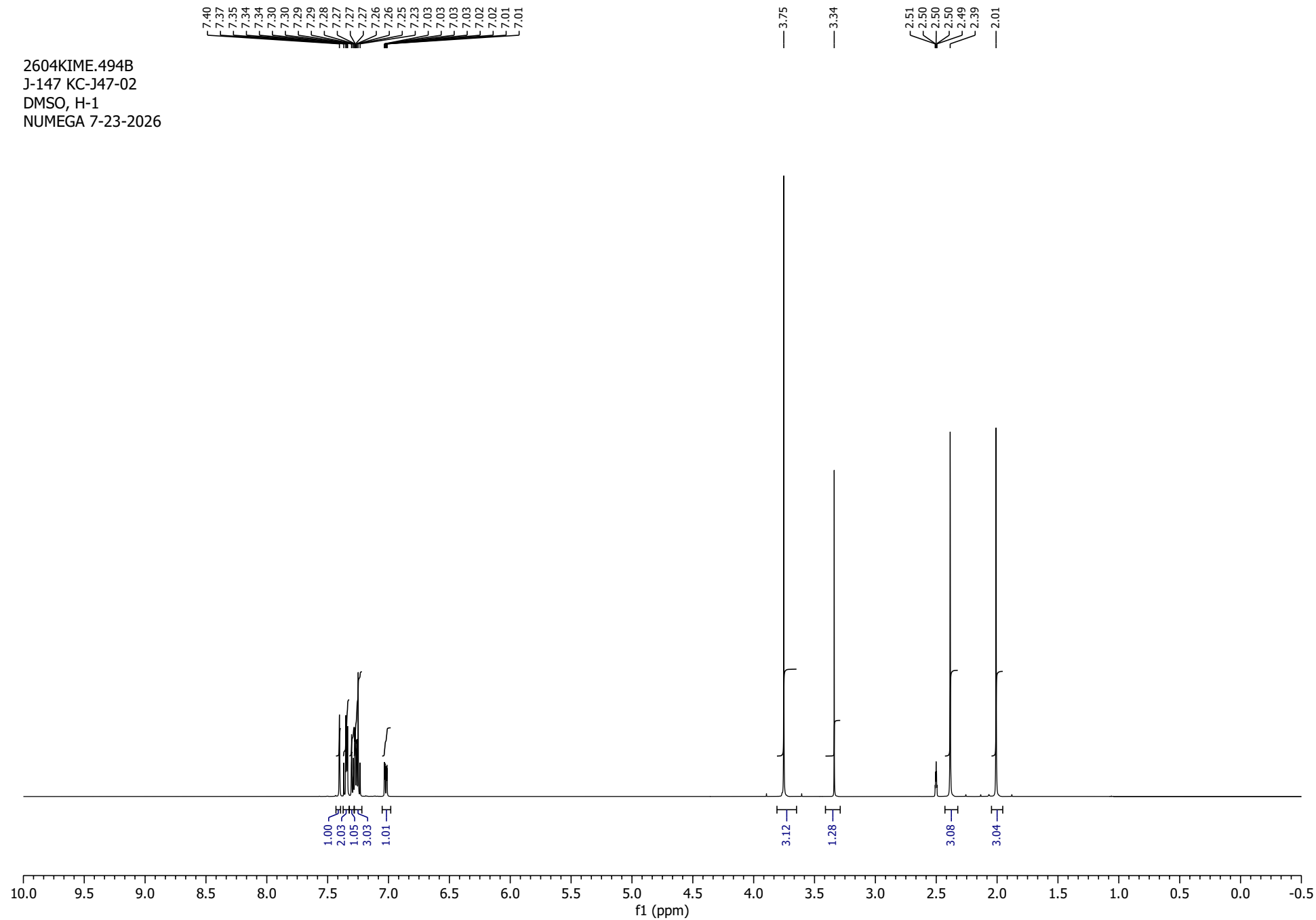
Formula Used for Calculation:

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

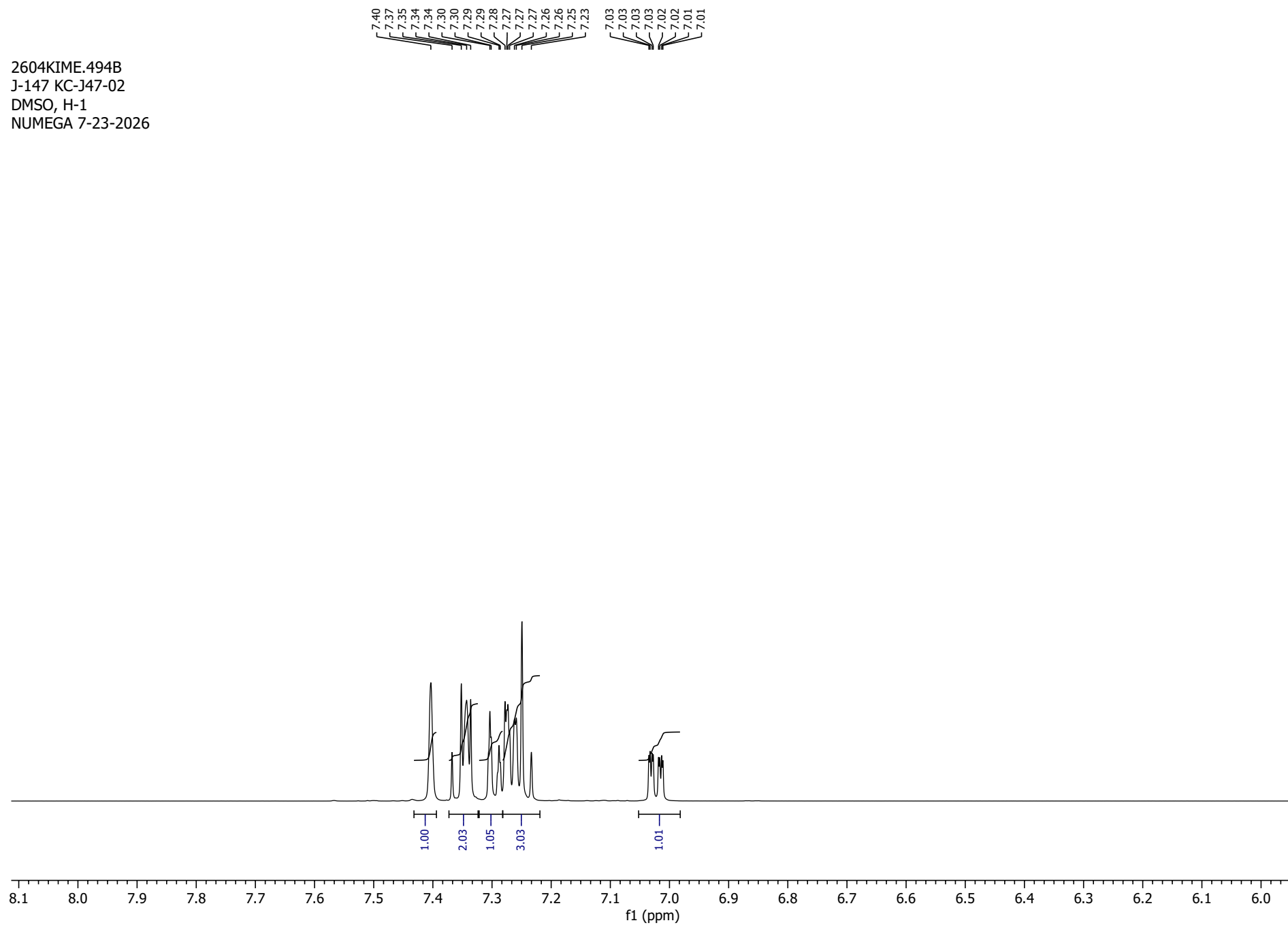
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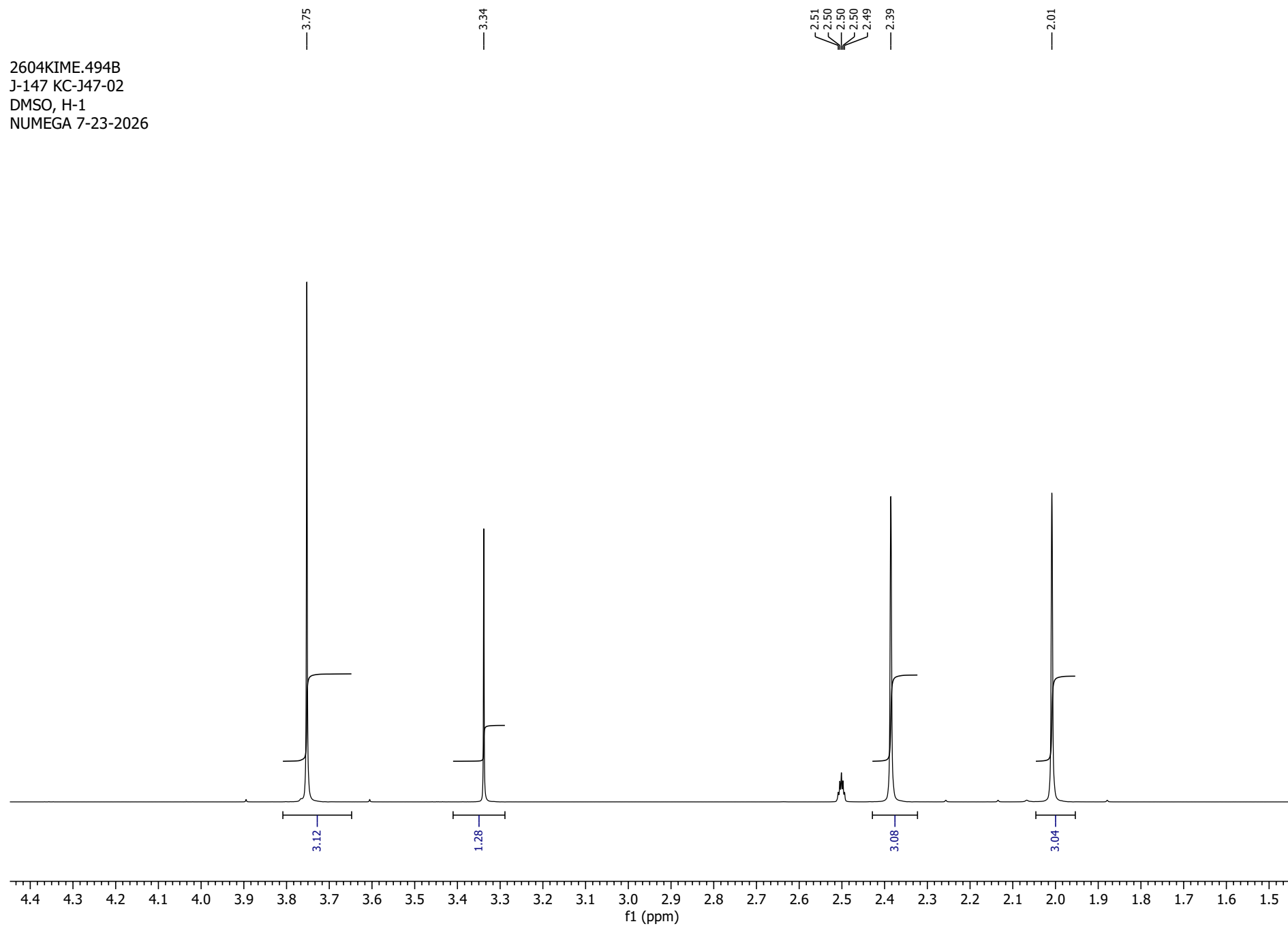
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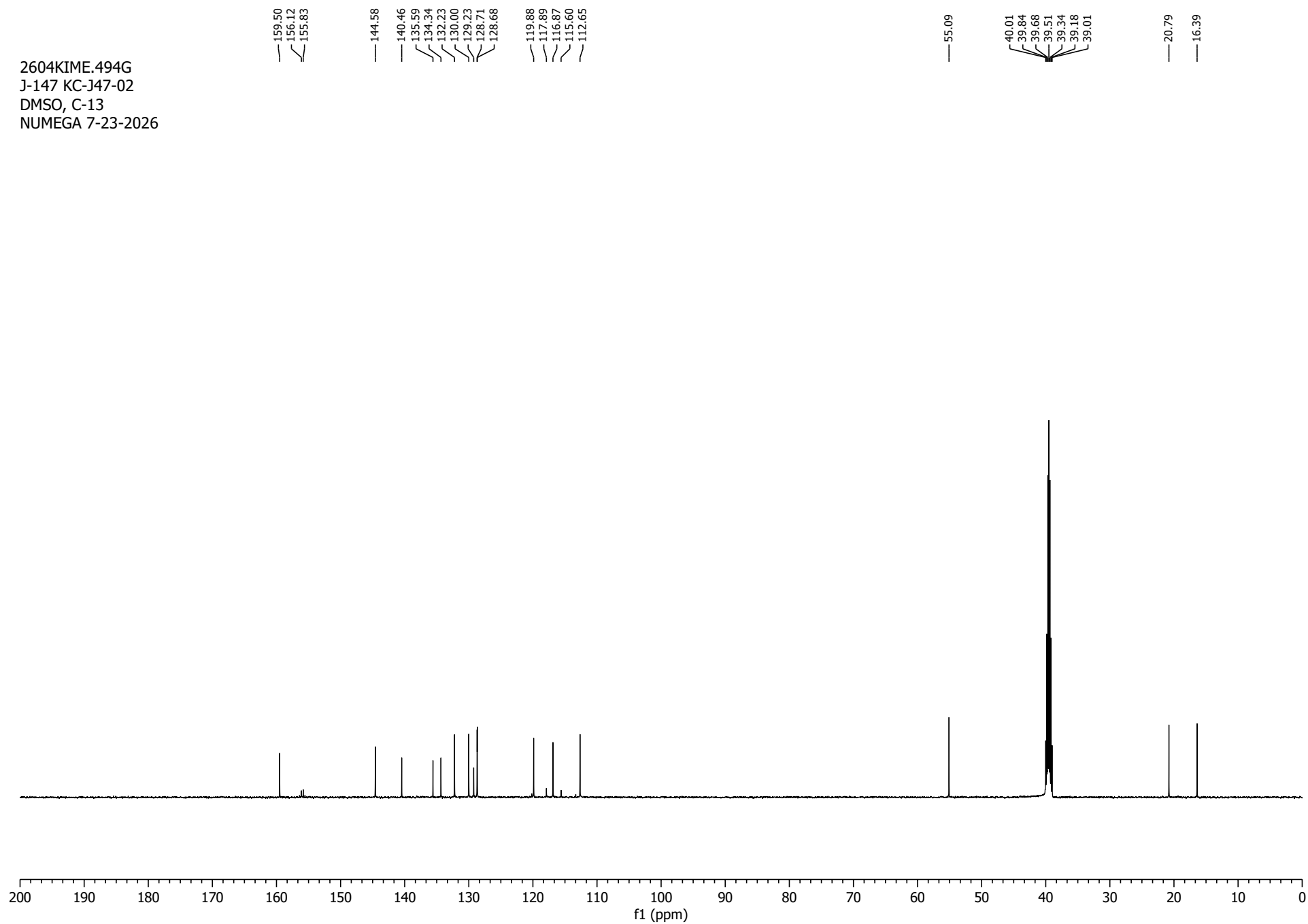
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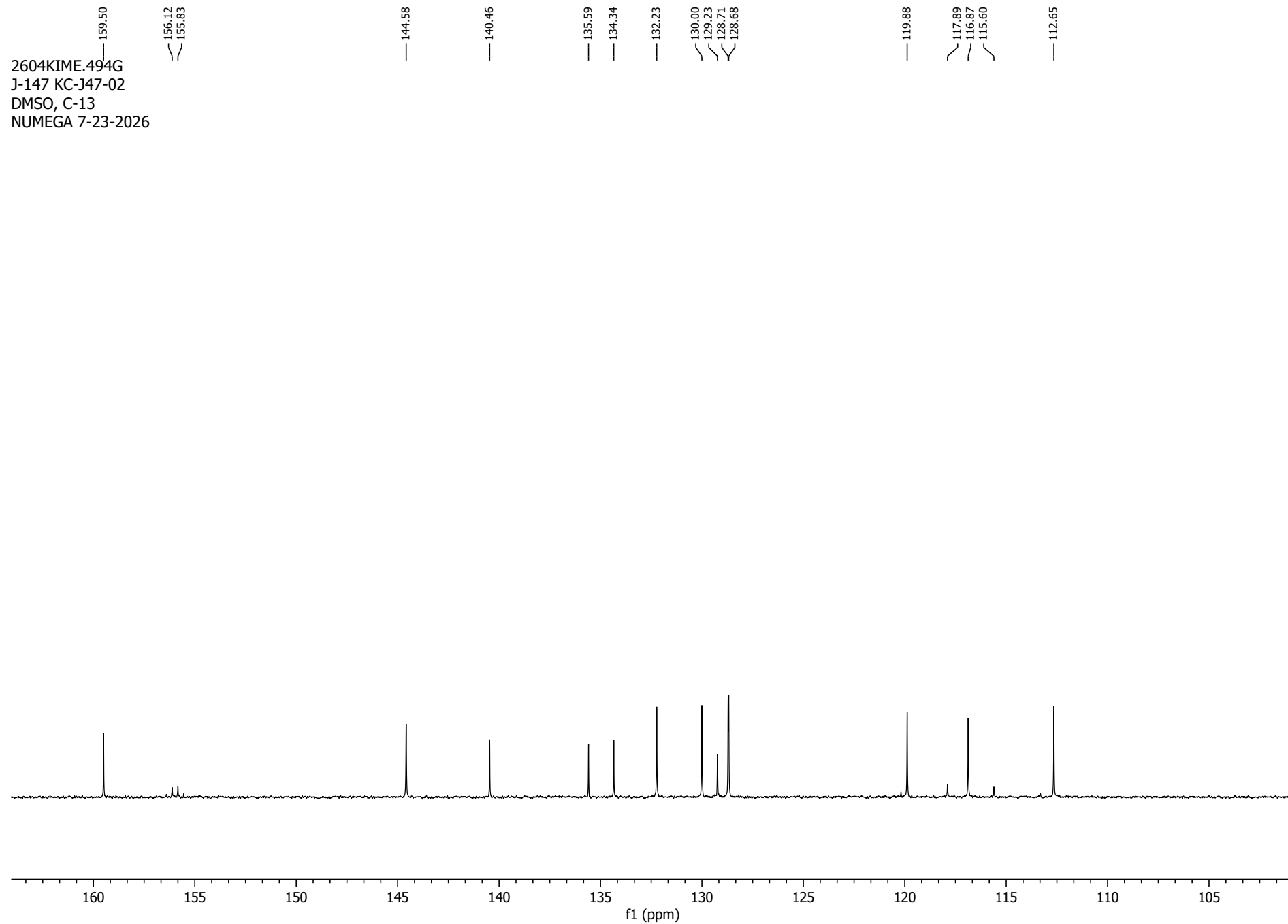
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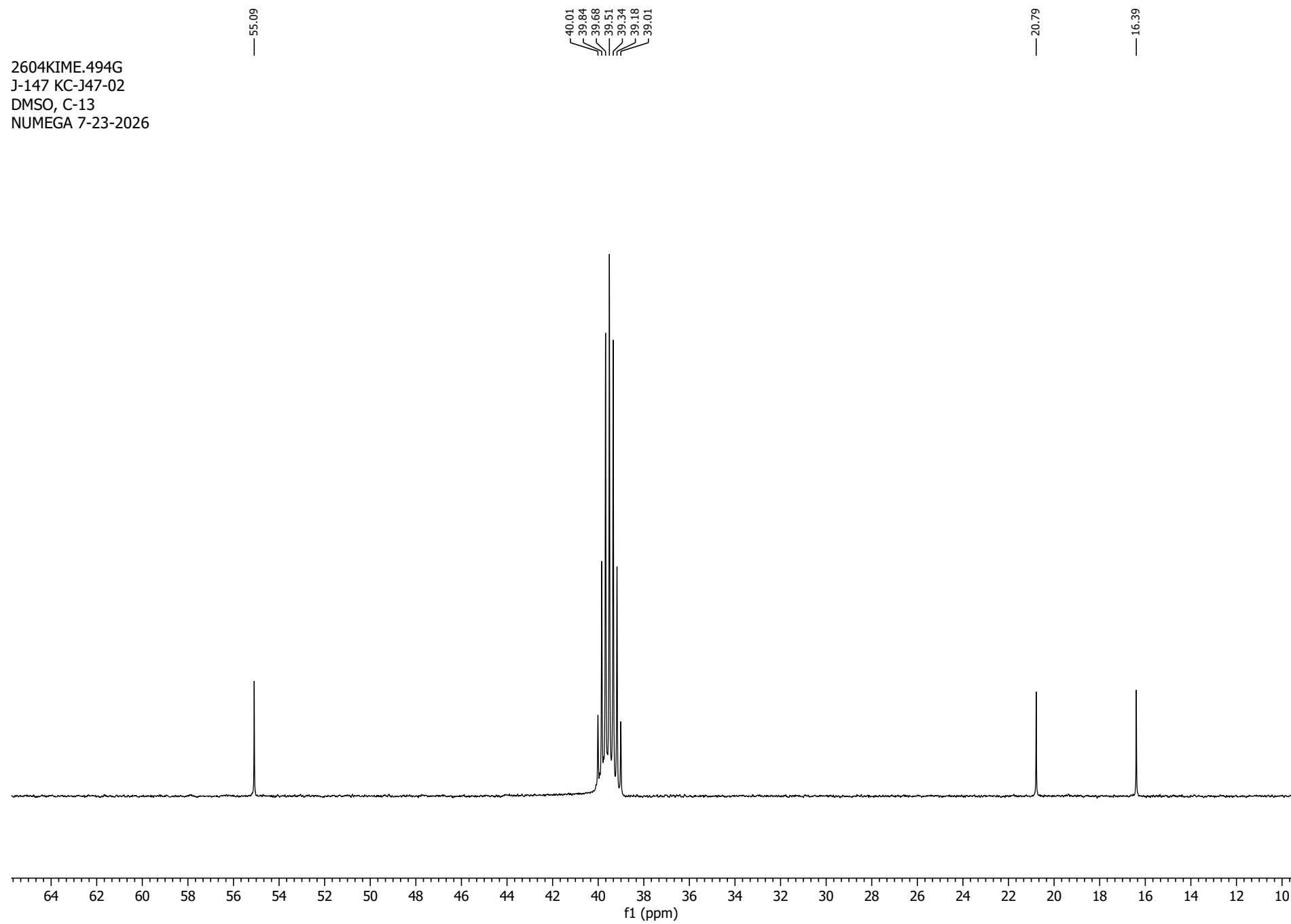
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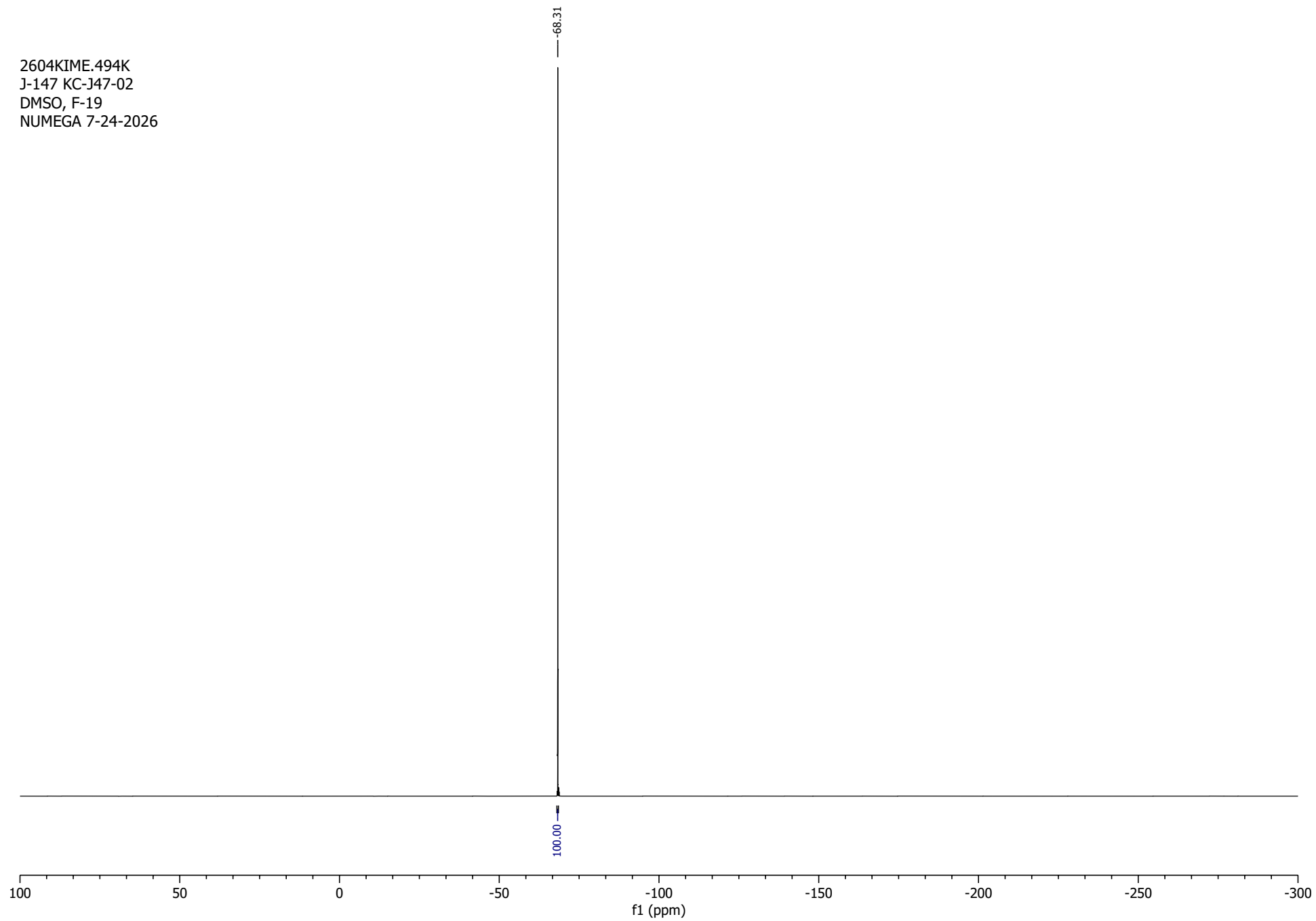
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