

July 14, 2026

NuMega Reference #
2604KIME.243K

Company: Kimera Chem

Quantitative Analysis Report

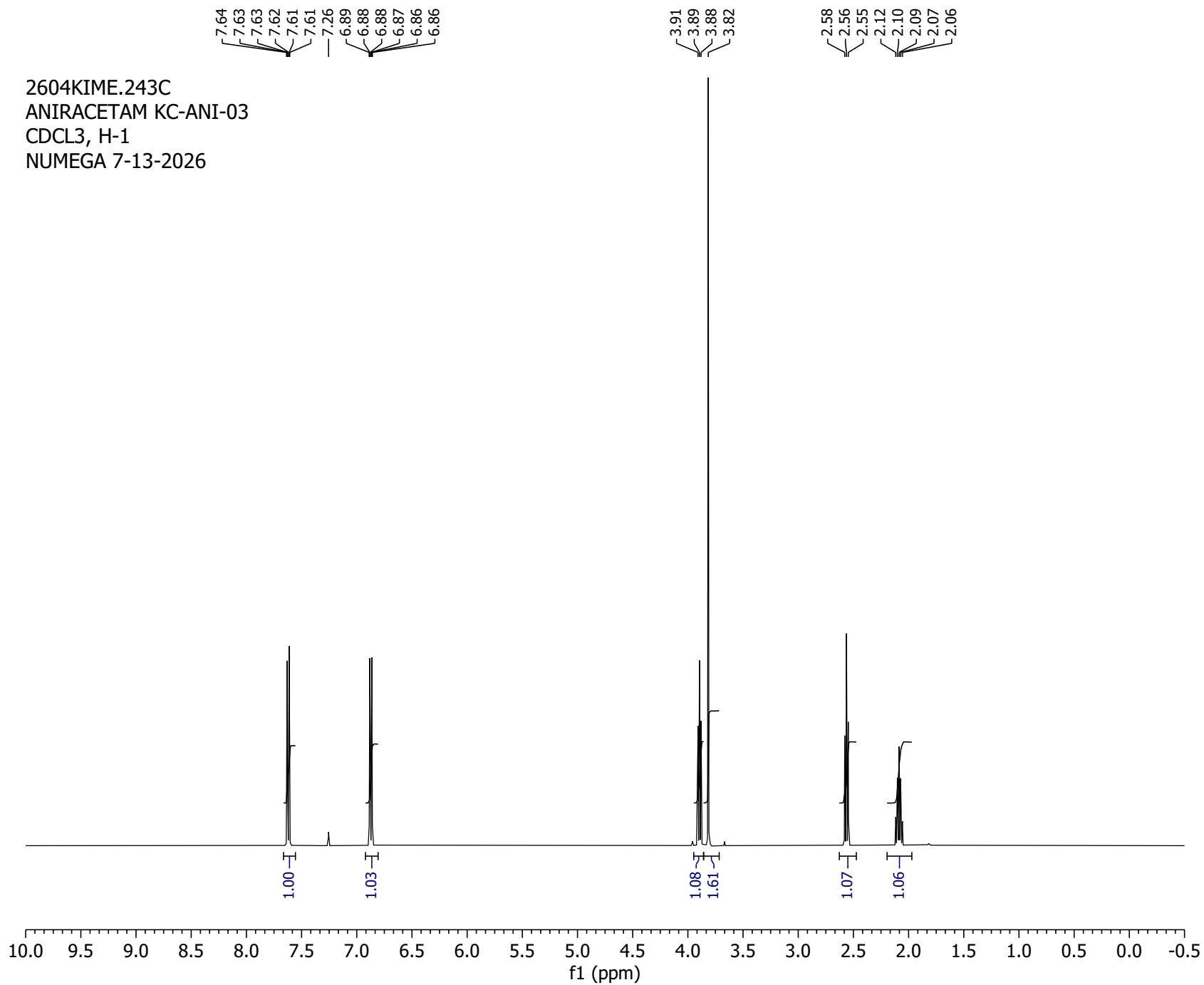
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Aniracetam KC-ANI-03
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.388
Weight of Sample (wt _{sa})	12.968
Assumed Sample Molecular Weight (MW _{sa})	219.24
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	187.99
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)	99.71
Purity %	99.9

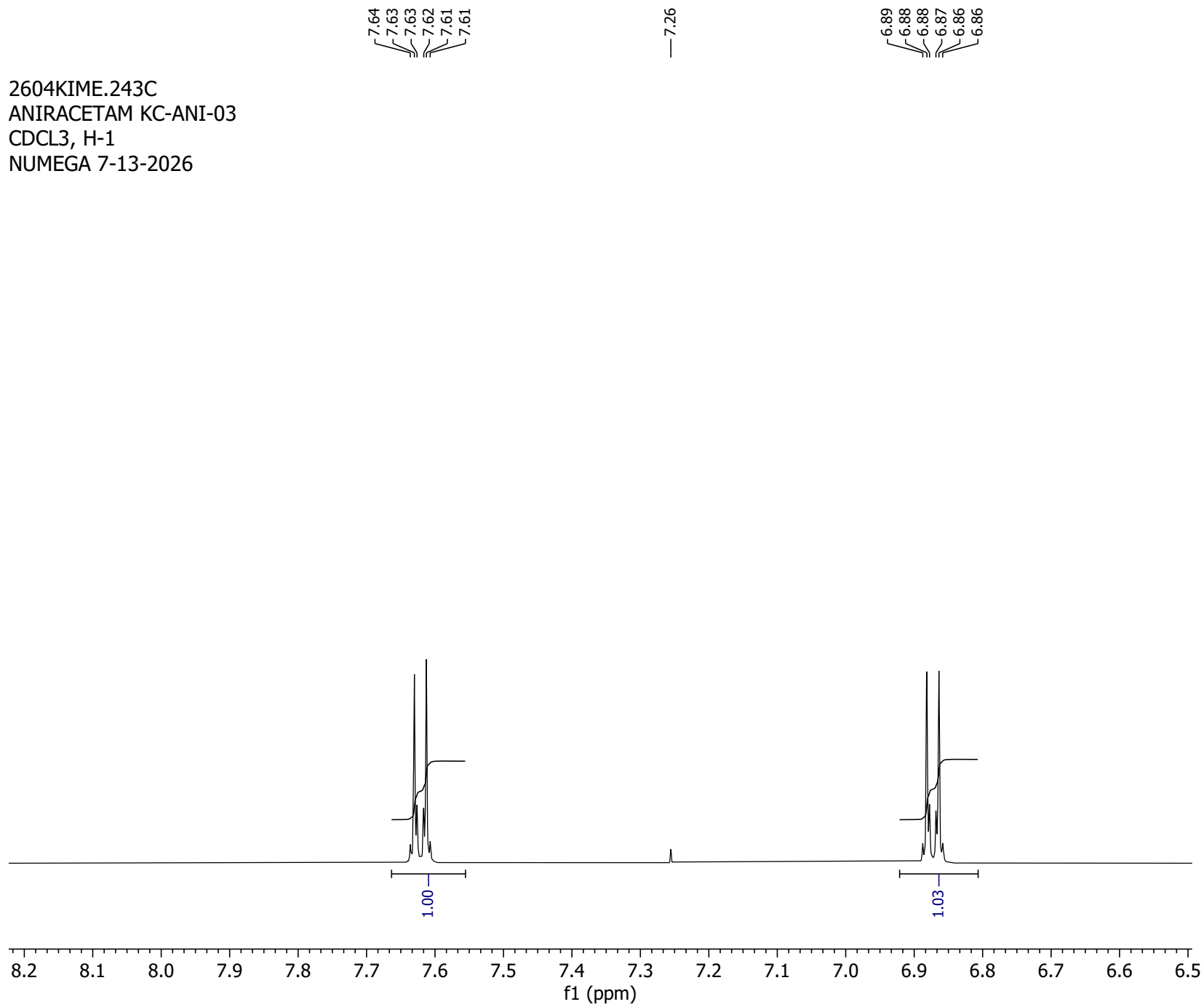
Formula Used for Calculation:

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

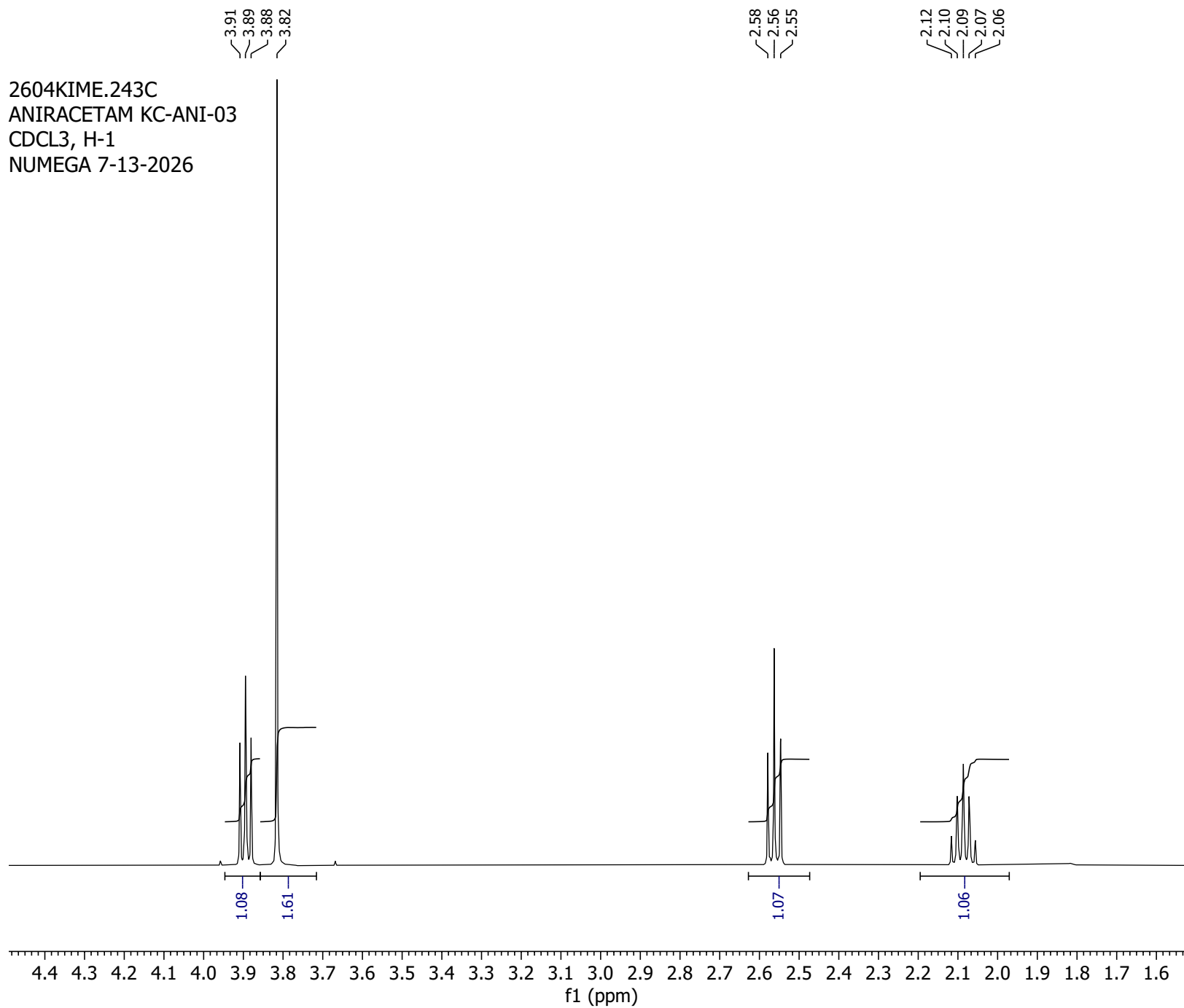
2604KIME.243C
ANIRACETAM KC-ANI-03
CDCL3, H-1
NUMEGA 7-13-2026



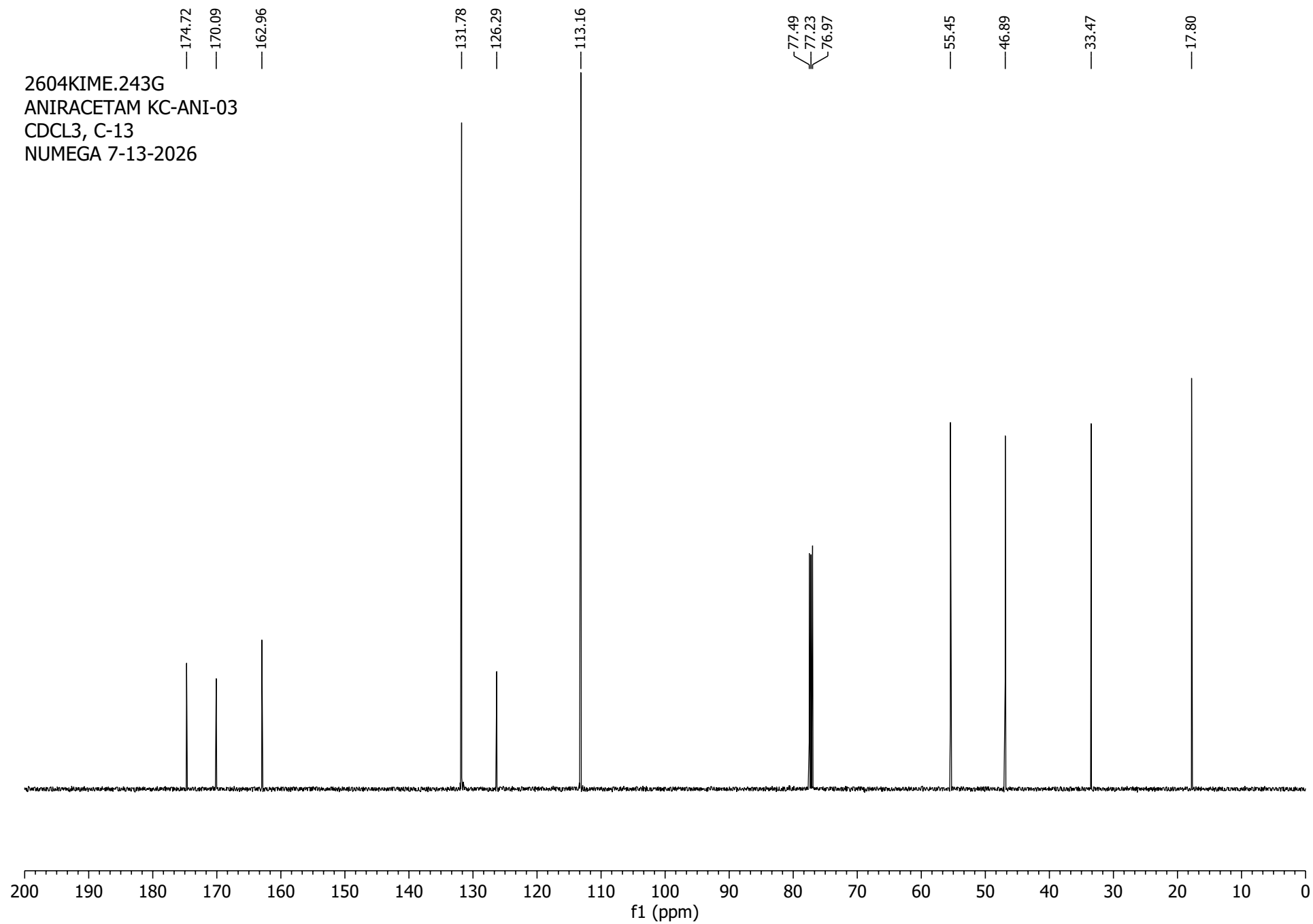
2604KIME.243C
ANIRACETAM KC-ANI-03
CDCL₃, H-1
NUMEGA 7-13-2026



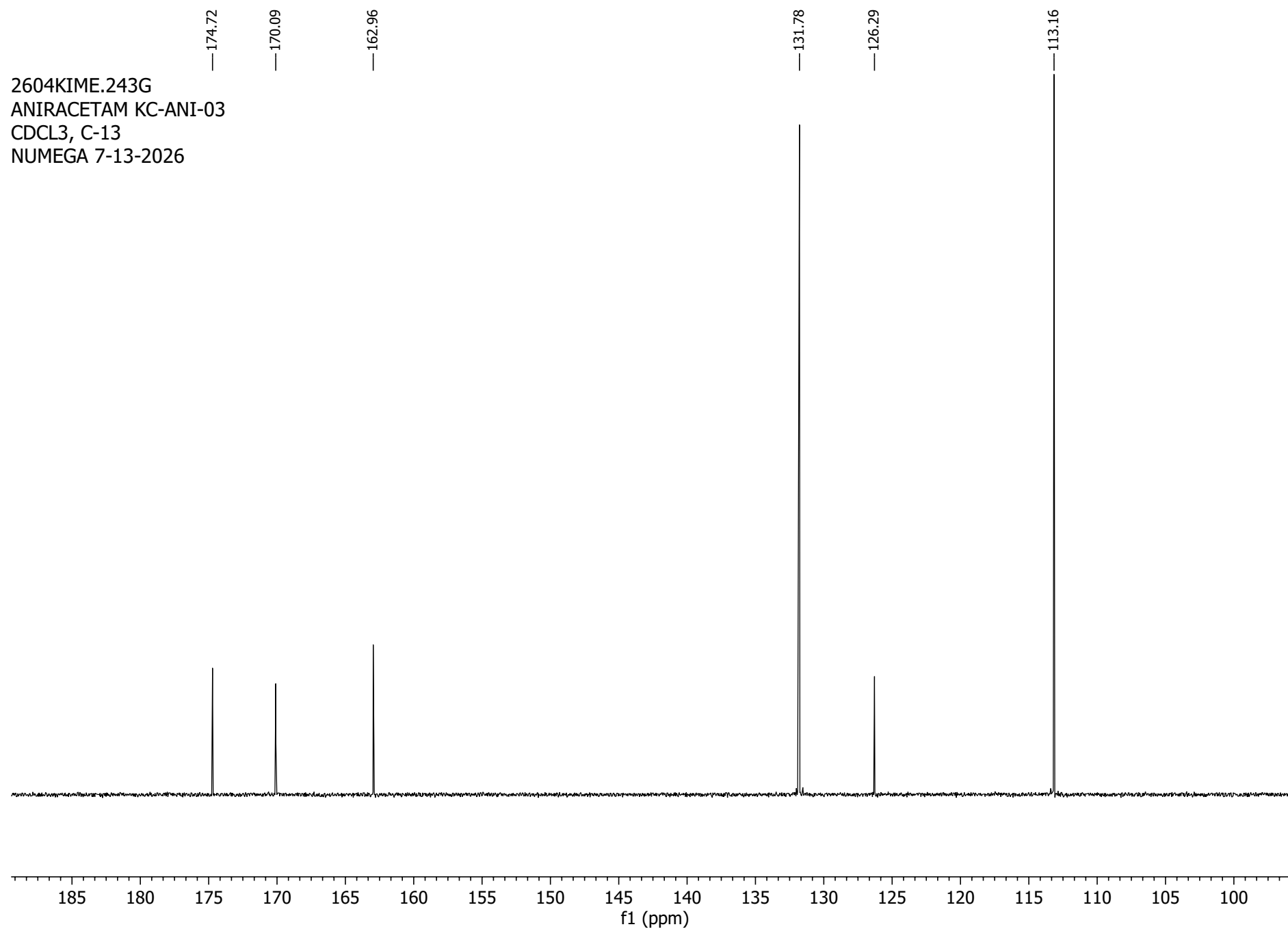
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ANIRACETAM KC-ANI-03
CDCL3, H-1
NUMEGA 7-13-2026



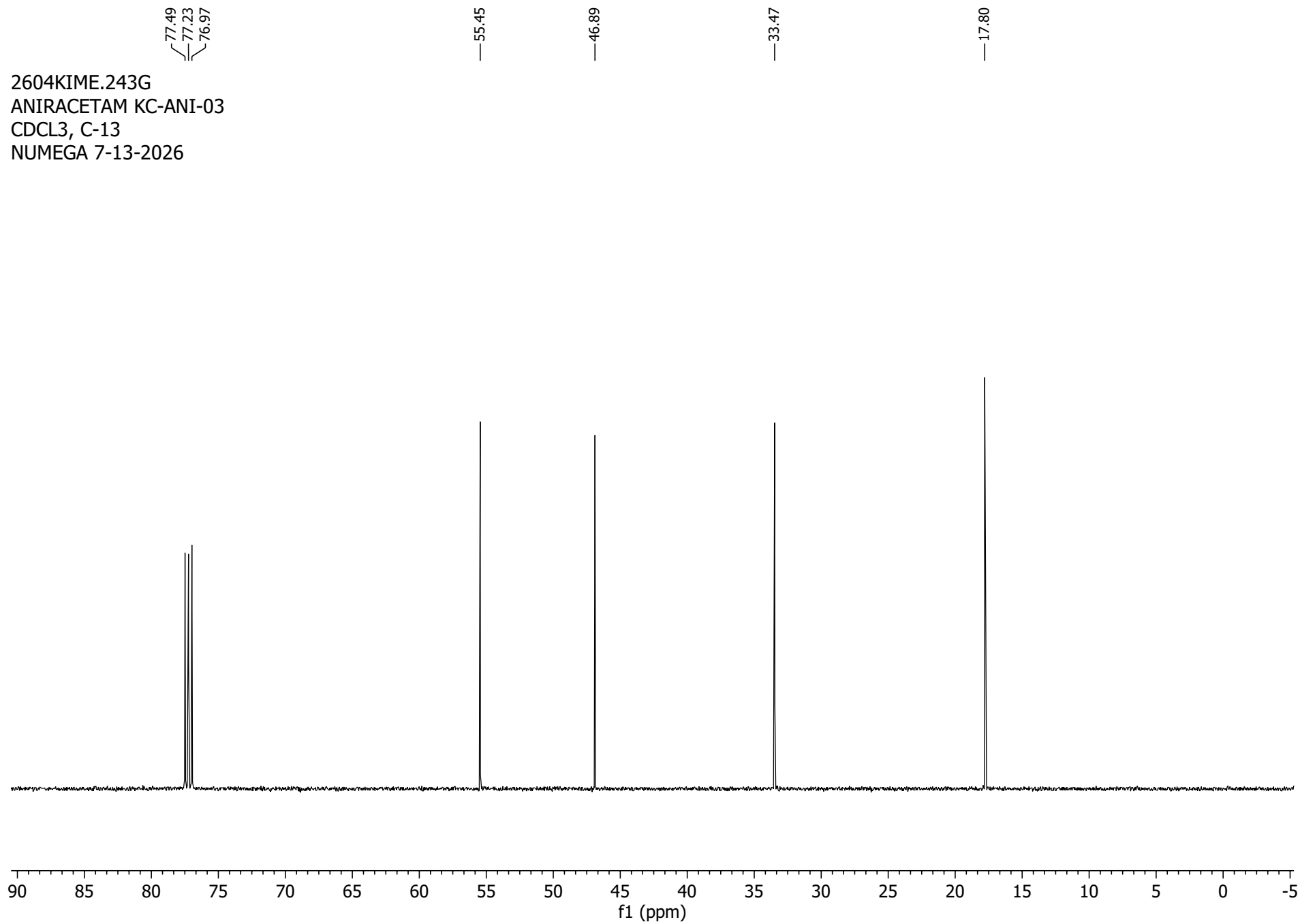
2604KIME.243G
ANIRACETAM KC-ANI-03
CDCL₃, C-13
NUMEGA 7-13-2026

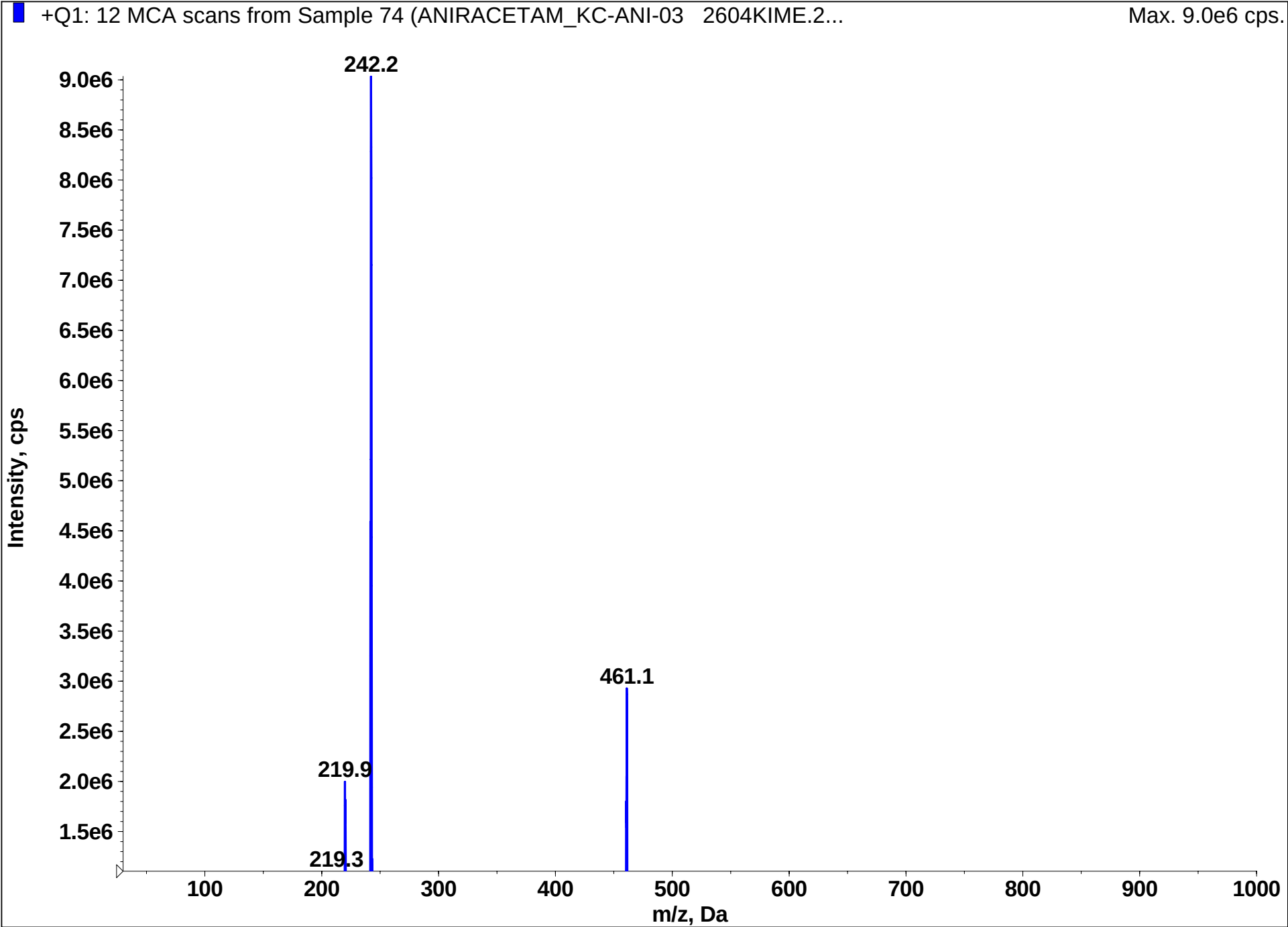


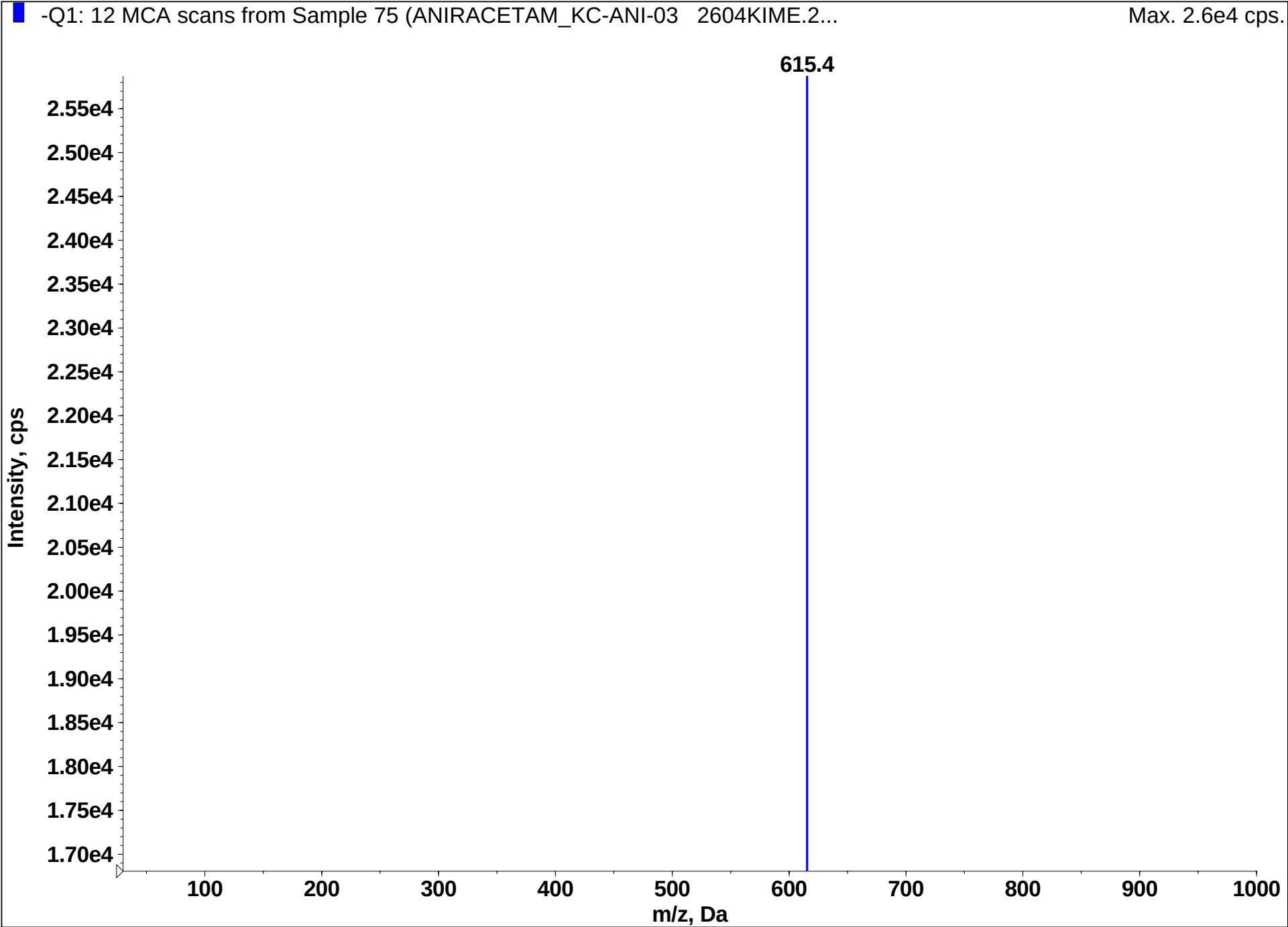
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