

NuMega Resonance Labs

Fast Reliable Services

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August 12, 2026

NuMega Reference #
2604KIME.702Q

Company: Kimera Chem

Quantitative Analysis Report

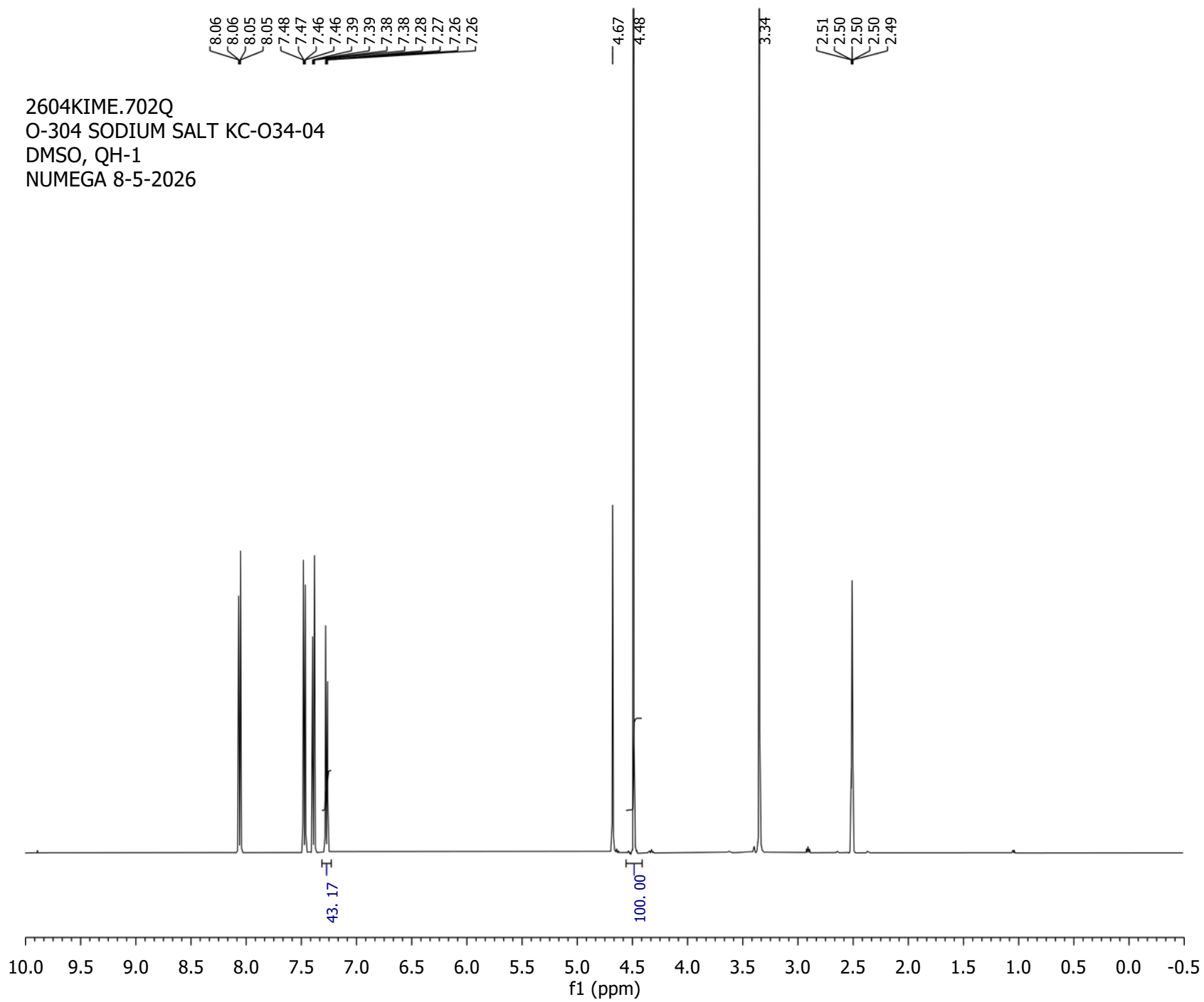
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	O-304 Sodium Salt KC-034-04
Standard	Ethylene Carbonate
Weight of Standard (wt.)	2.228
Weight of Sample (wt.)	9.091
Assumed Sample Molecular Weight (MW _{sa})	403.24
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	43.17
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 %	96.6

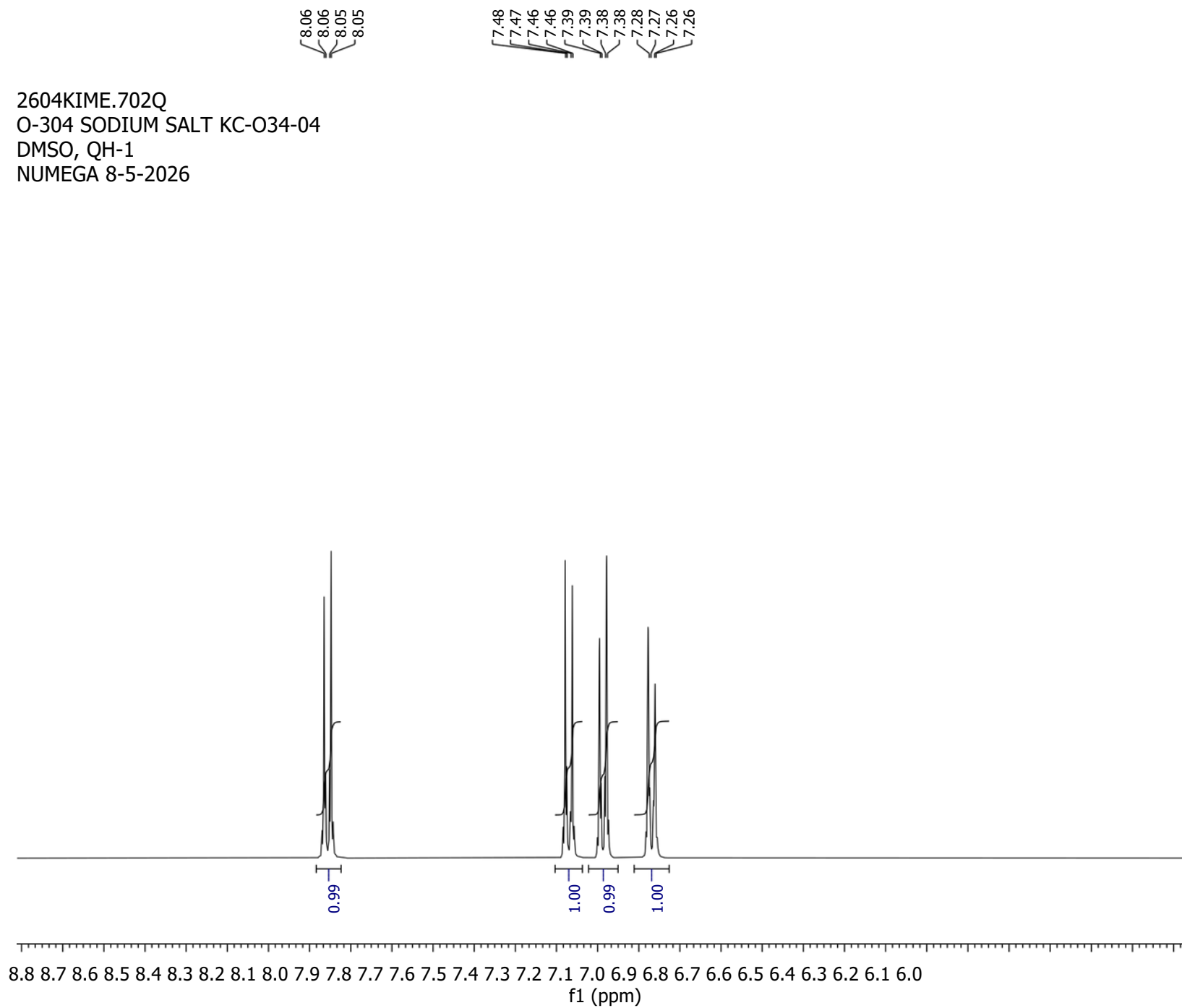
Formula Used for Calculation:

$$\text{Purity \%} = \frac{\text{wt}_{\text{sa}}}{\text{wt}_{\text{sa}} + \frac{\text{MW}_{\text{sa}}}{\text{MW}_{\text{st}}} \times \frac{I_{\text{sa}}}{I_{\text{st}}} \times \frac{n_{\text{st}}}{n_{\text{sa}}} \times P} \times 100$$

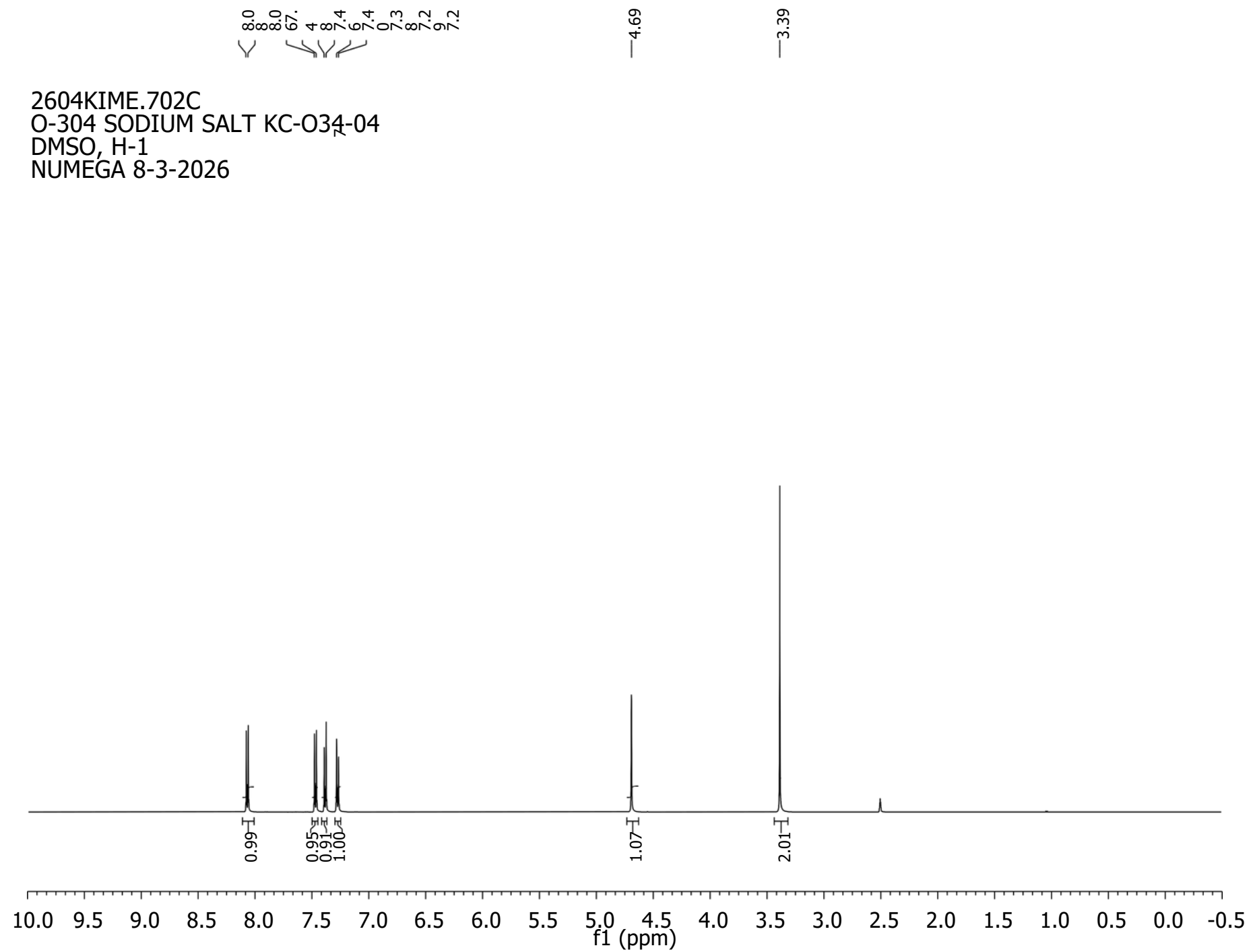
2604KIME.702Q
O-304 SODIUM SALT KC-O34-04
DMSO, QH-1
NUMEGA 8-5-2026



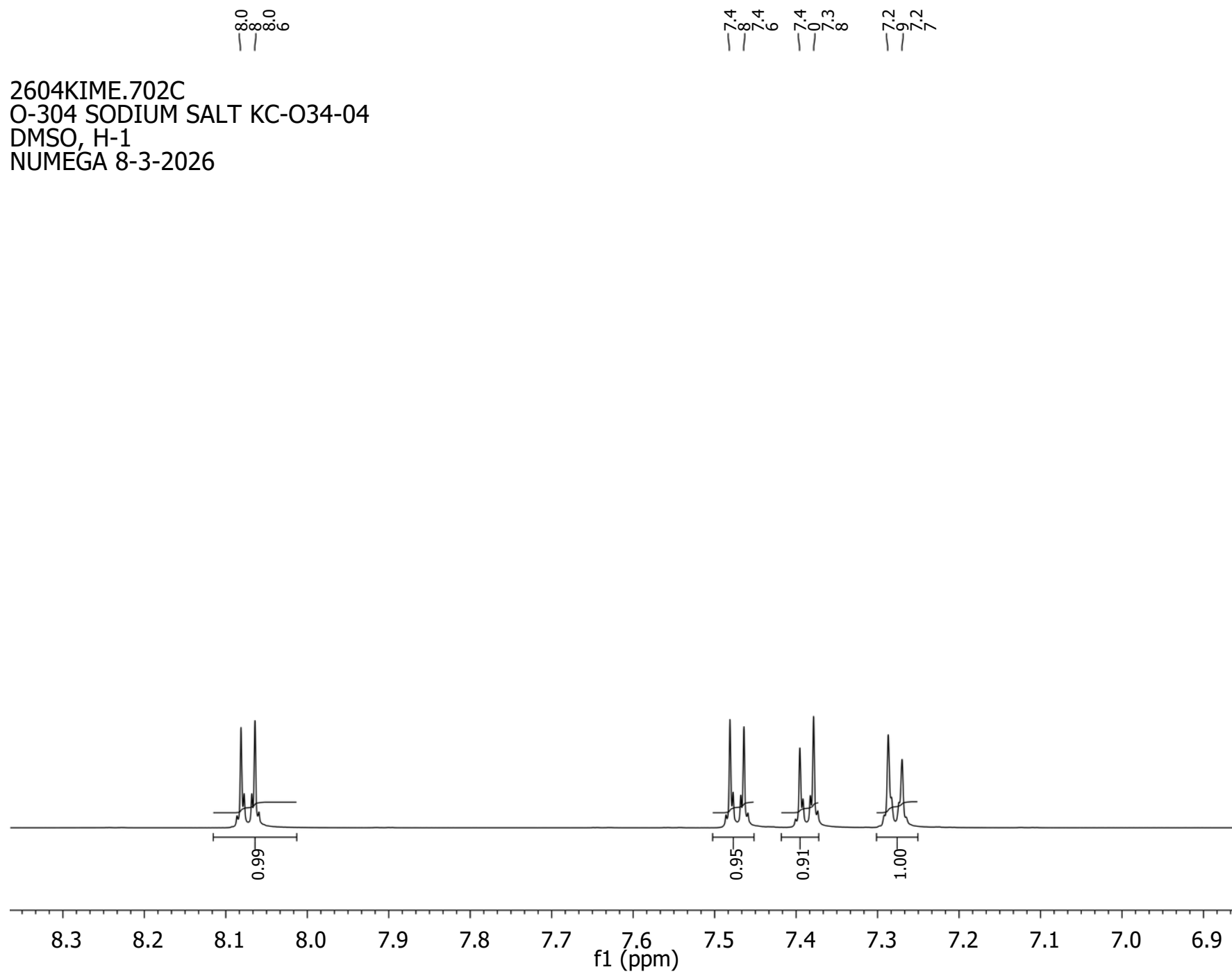
2604KIME.702Q
O-304 SODIUM SALT KC-O34-04
DMSO, QH-1
NUMEGA 8-5-2026



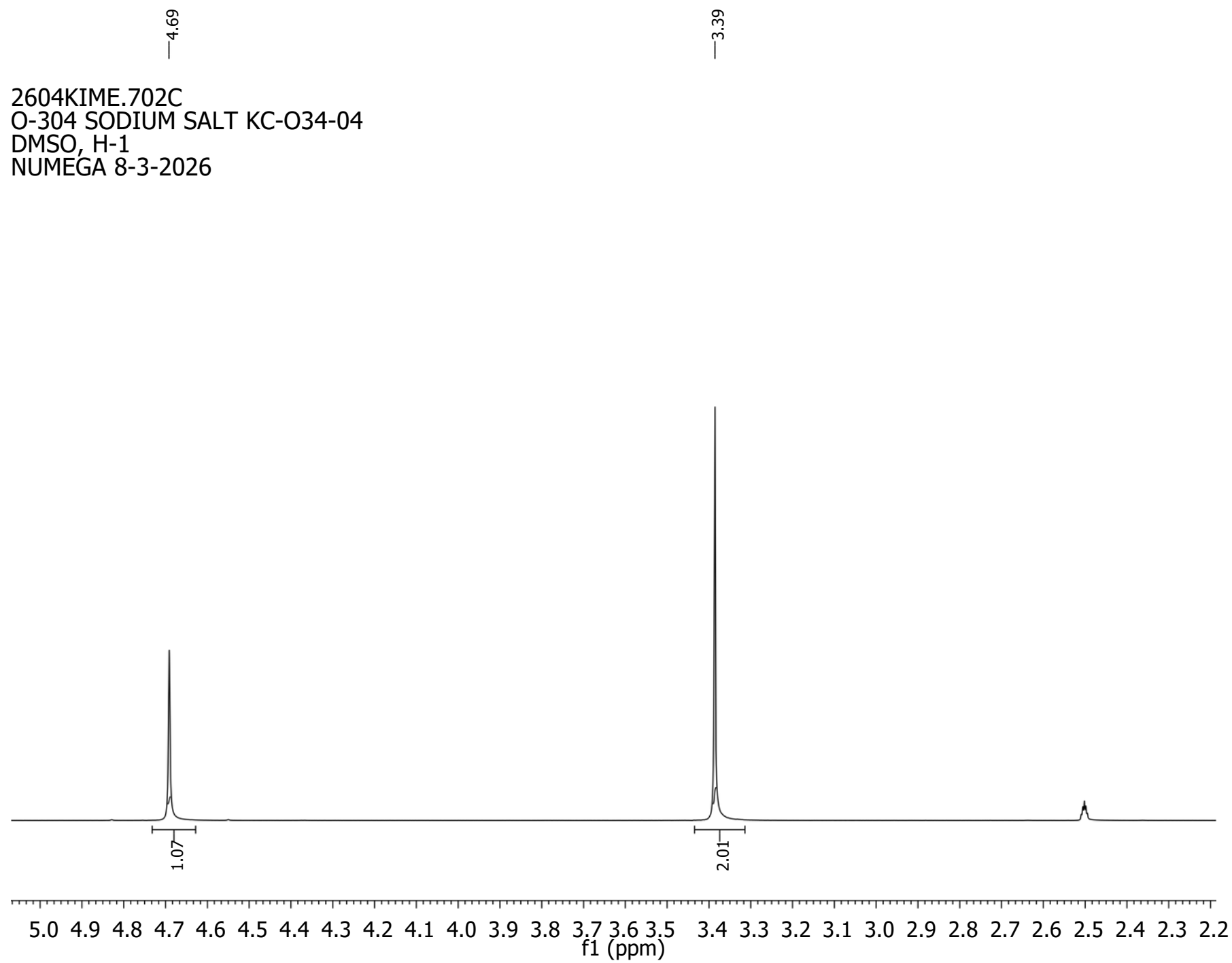
2604KIME.702C
O-304 SODIUM SALT KC-O34-04
DMSO, H-1
NUMEGA 8-3-2026



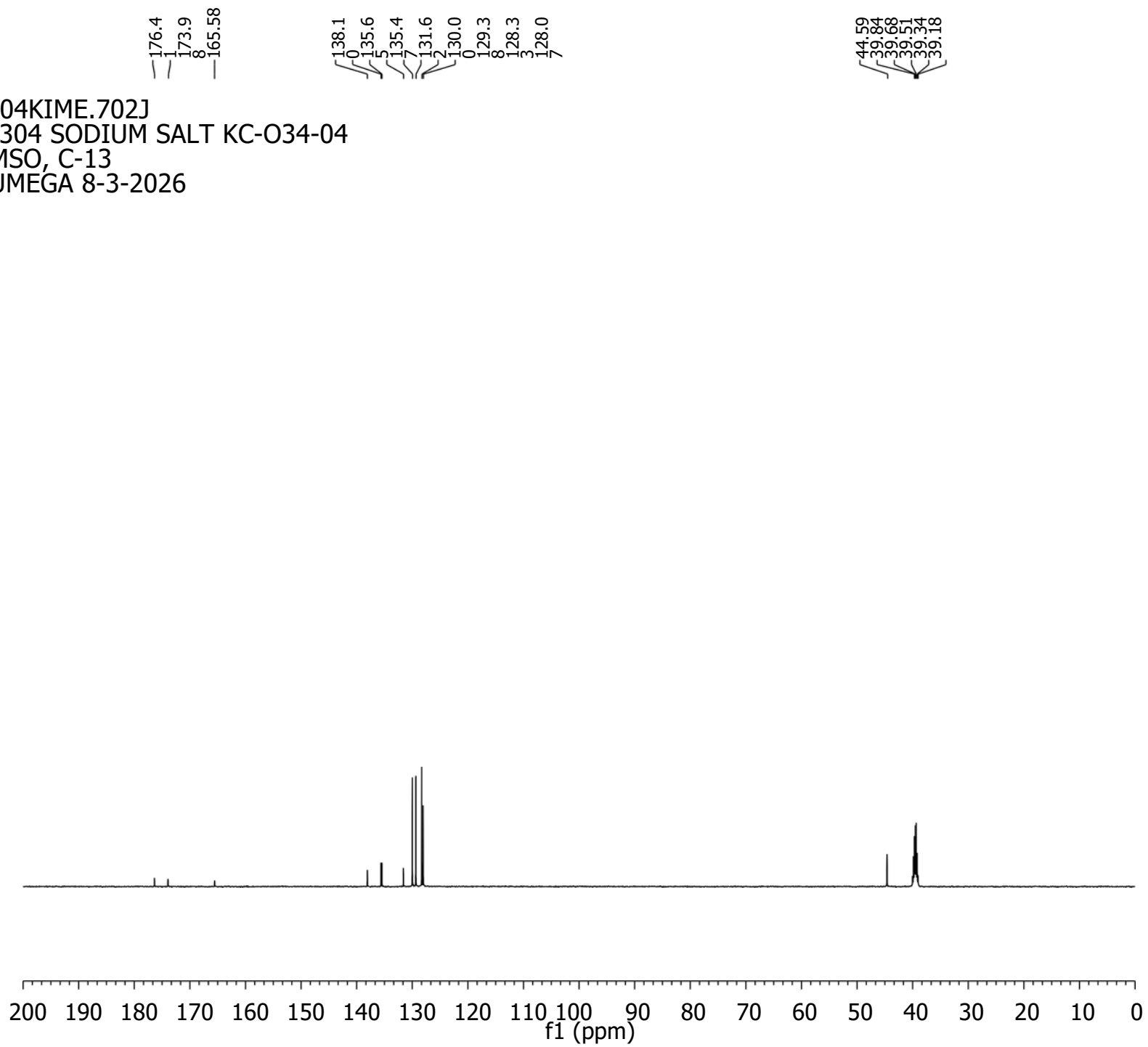
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O-304 SODIUM SALT KC-O34-04
DMSO, H-1
NUMEGA 8-3-2026



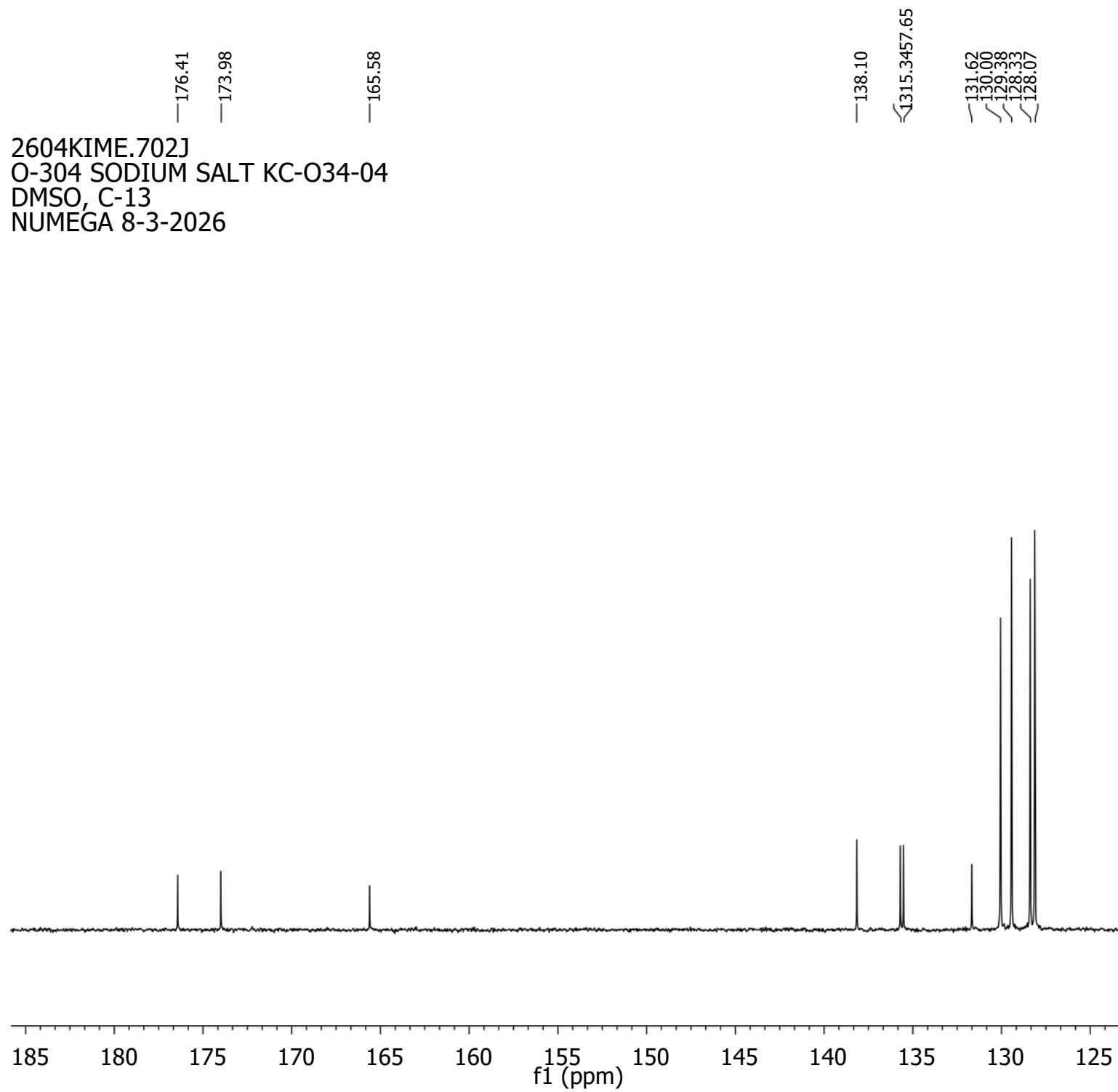
2604KIME.702C
O-304 SODIUM SALT KC-O34-04
DMSO, H-1
NUMEGA 8-3-2026



2604KIME.702J
O-304 SODIUM SALT KC-O34-04
DMSO, C-13
NUMEGA 8-3-2026



2604KIME.702J
O-304 SODIUM SALT KC-O34-04
DMSO, C-13
NUMEGA 8-3-2026



2604KIME.702J
O-304 SODIUM SALT KC-O34-04
DMSO, C-13
NUMEGA 8-3-2026

