

May 12, 2026

Company: Kimera Chem

NuMega Reference # 2602KIME.957H

Quantitative Analysis Report

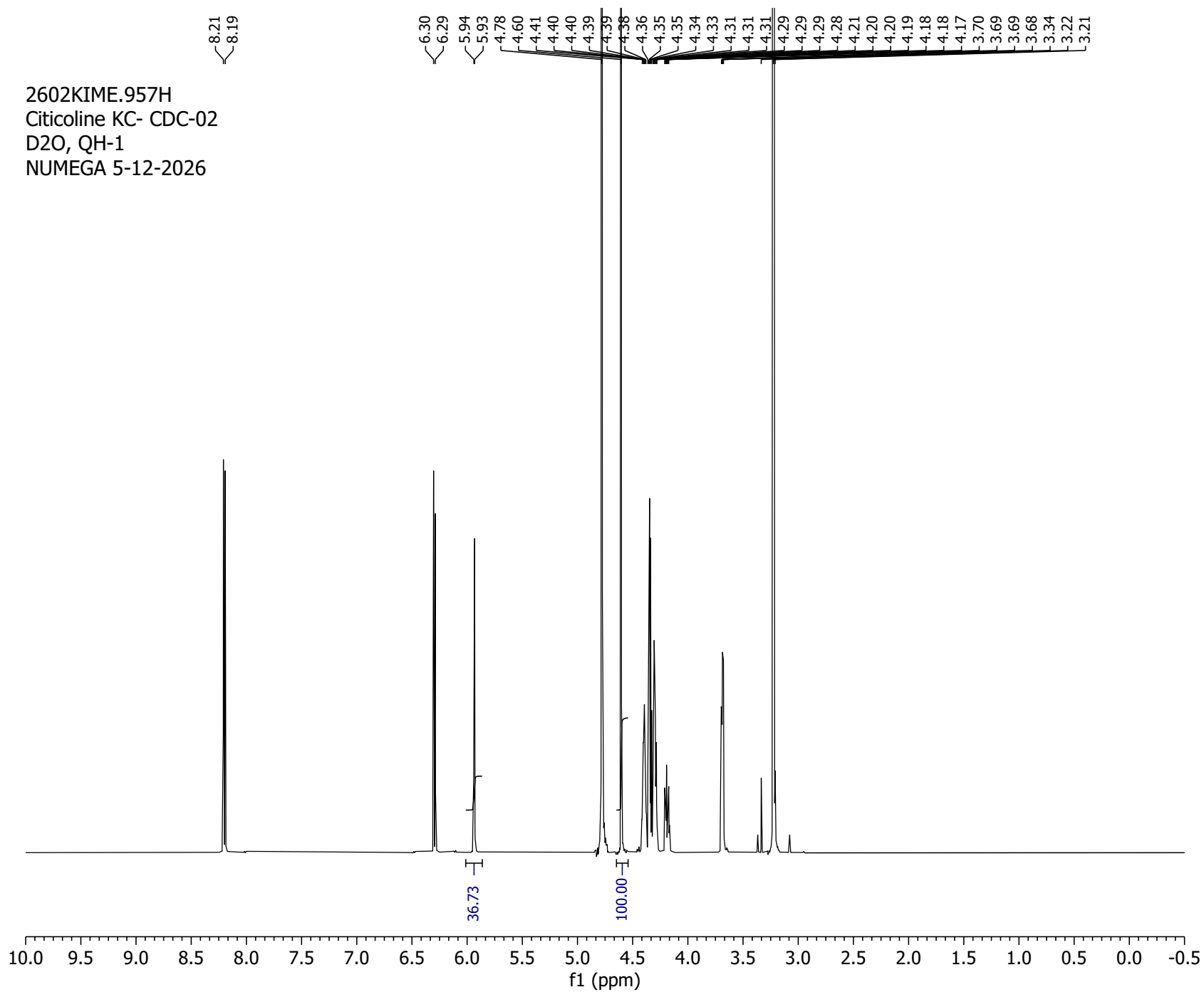
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Citicoline KC- CDC-02
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.067
Weight of Sample (wt _{sa})	8.659
Assumed Sample Molecular Weight (MW _{sa})	488.32
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	36.51
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	4
# of Equivalent Nuclei in Sample (n _{sa})	1
Assigned Purity of Standard % (P)	99.71
Purity %	99.5

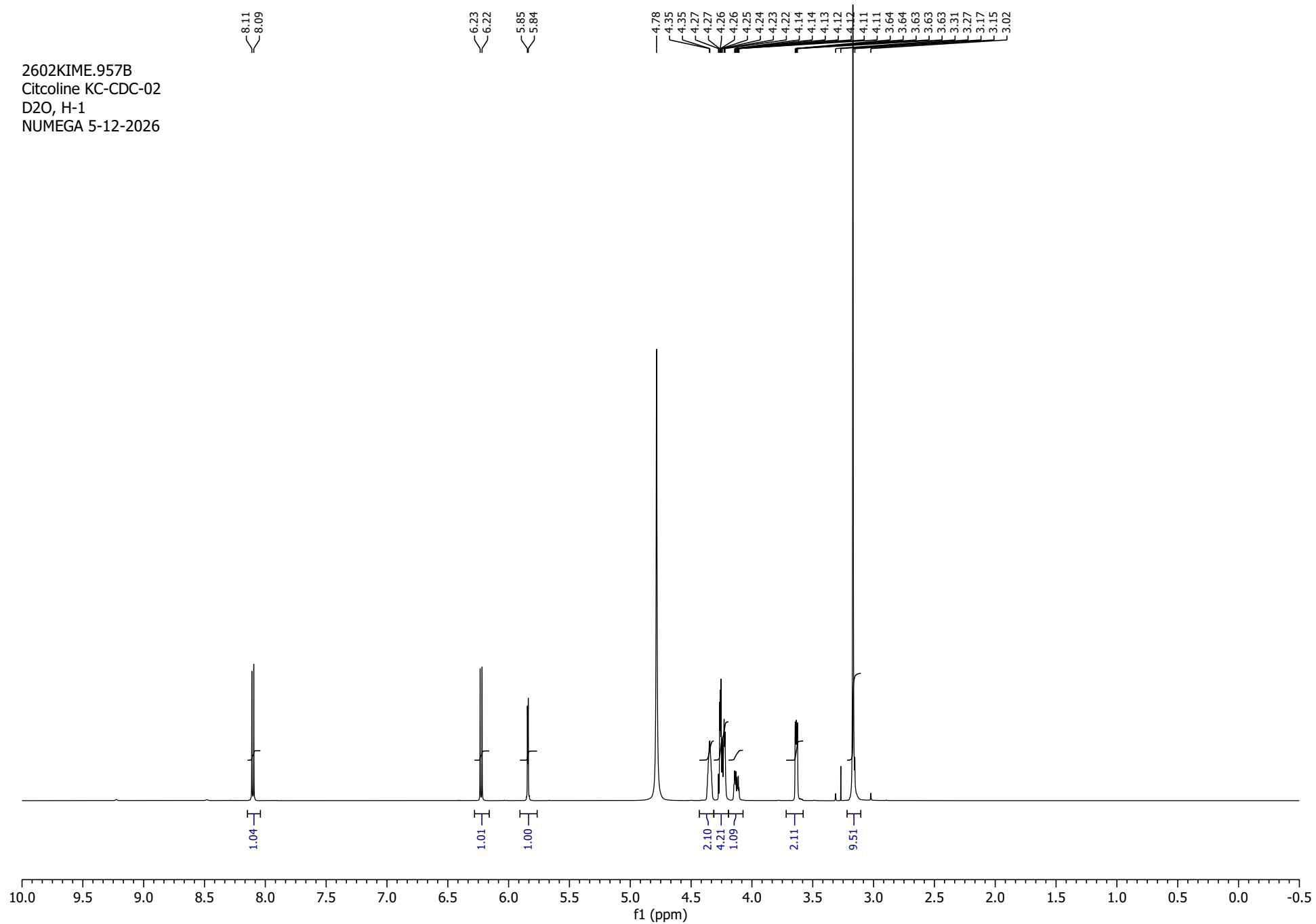
Formula Used for Calculation:

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

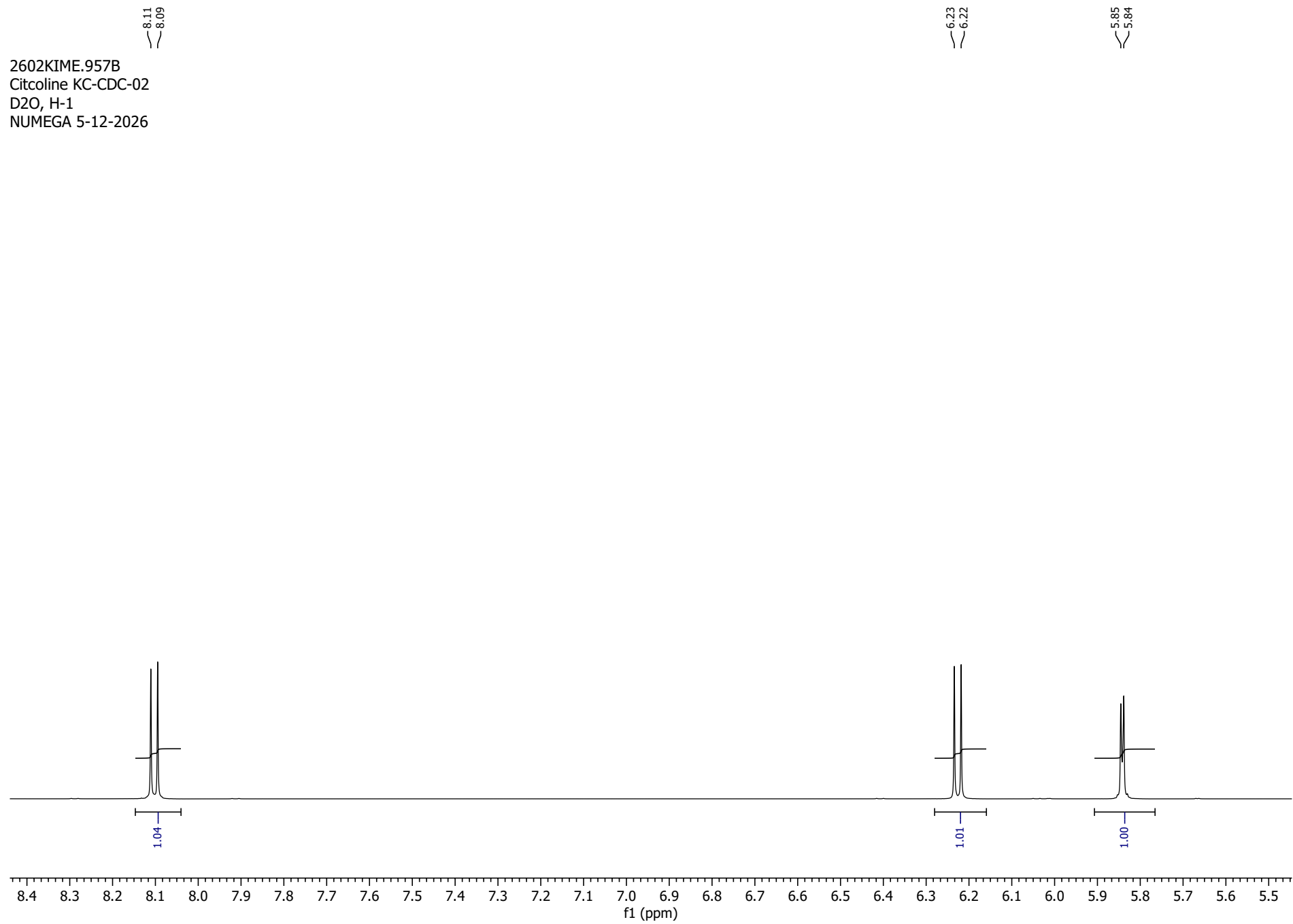
2602KIME.957H
Citicoline KC- CDC-02
D2O, QH-1
NUMEGA 5-12-2026



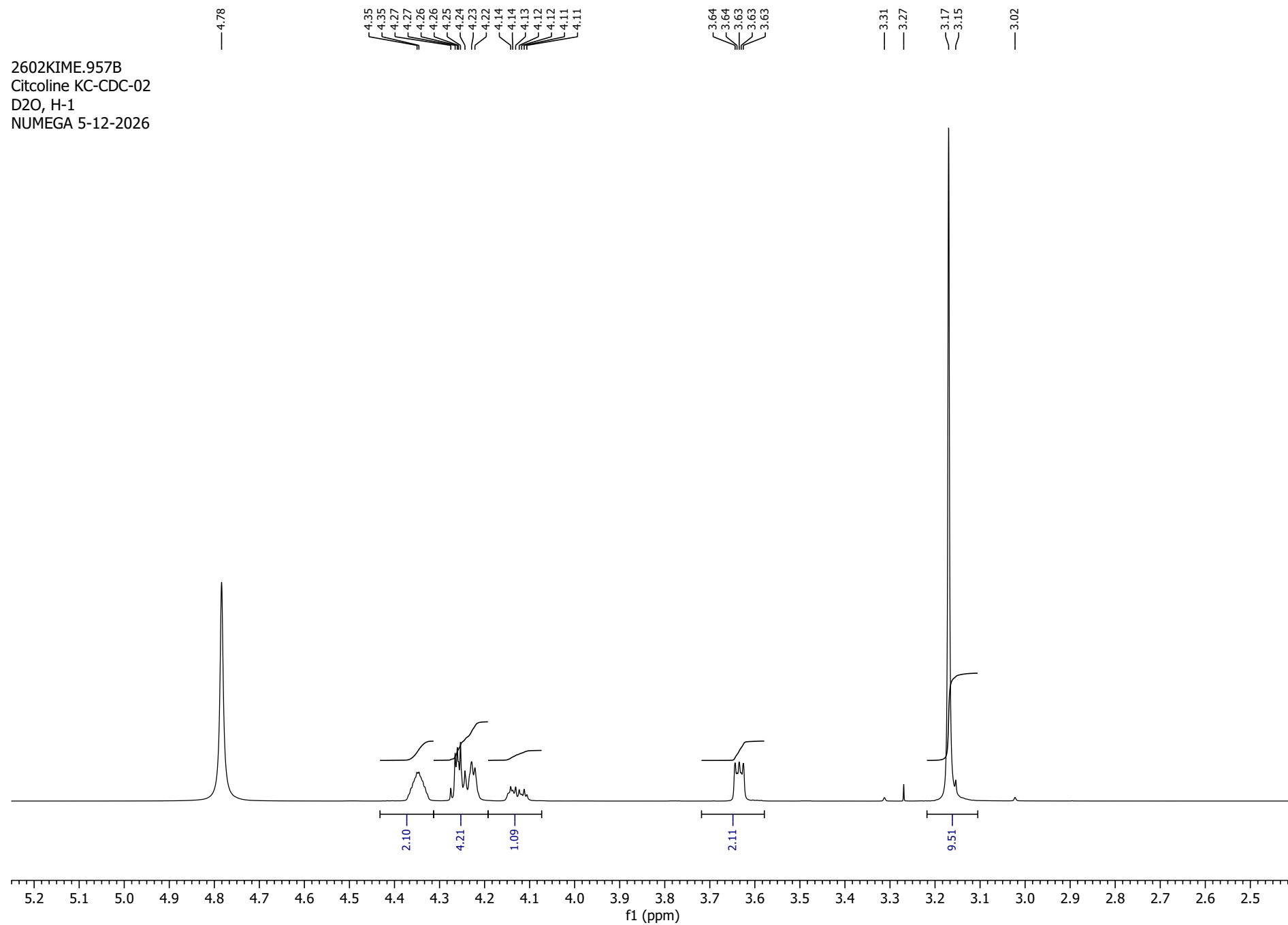
2602KIME.957B
Citcoline KC-CDC-02
D2O, H-1
NUMEGA 5-12-2026



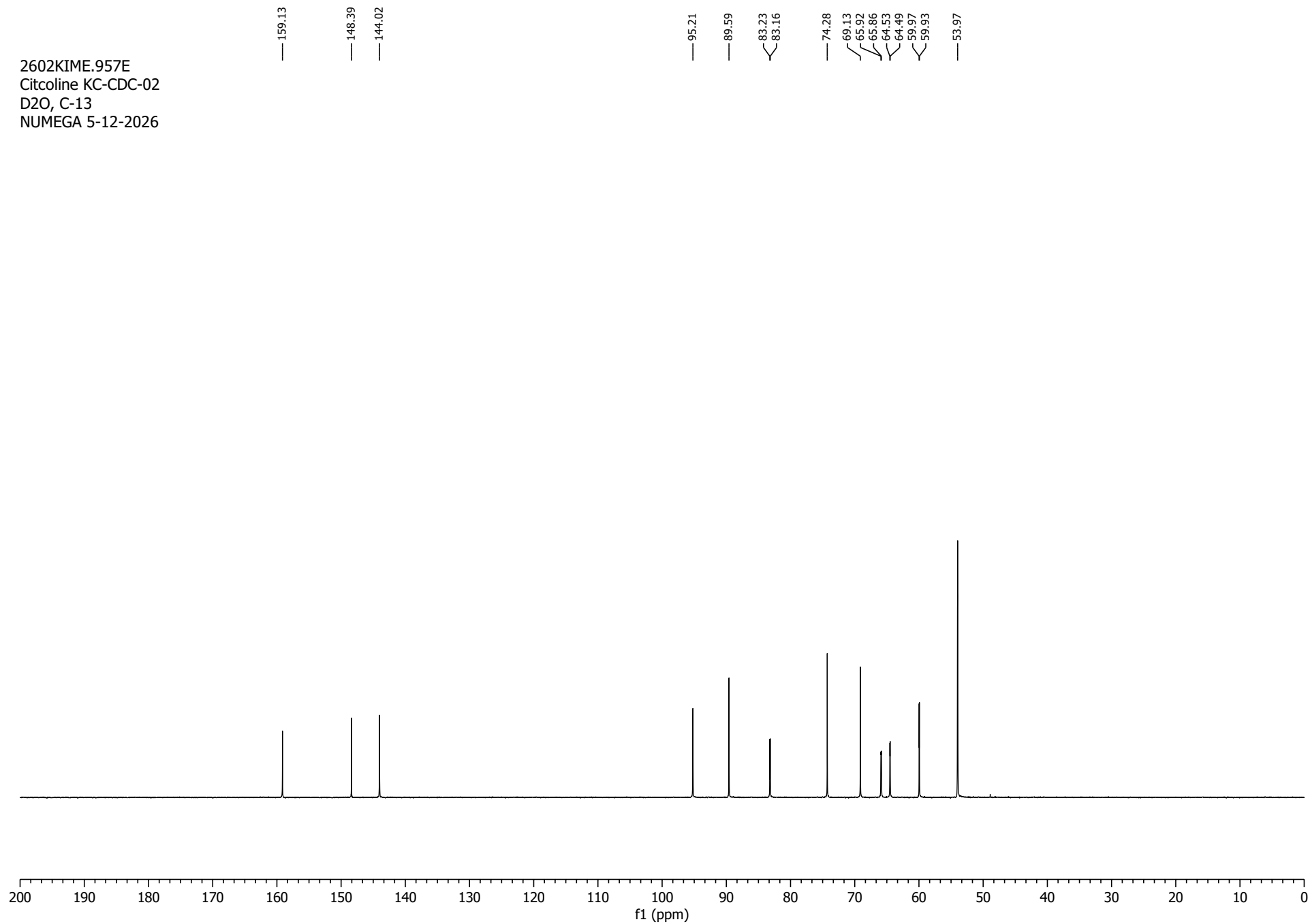
2602KIME.957B
Citcoline KC-CDC-02
D2O, H-1
NUMEGA 5-12-2026



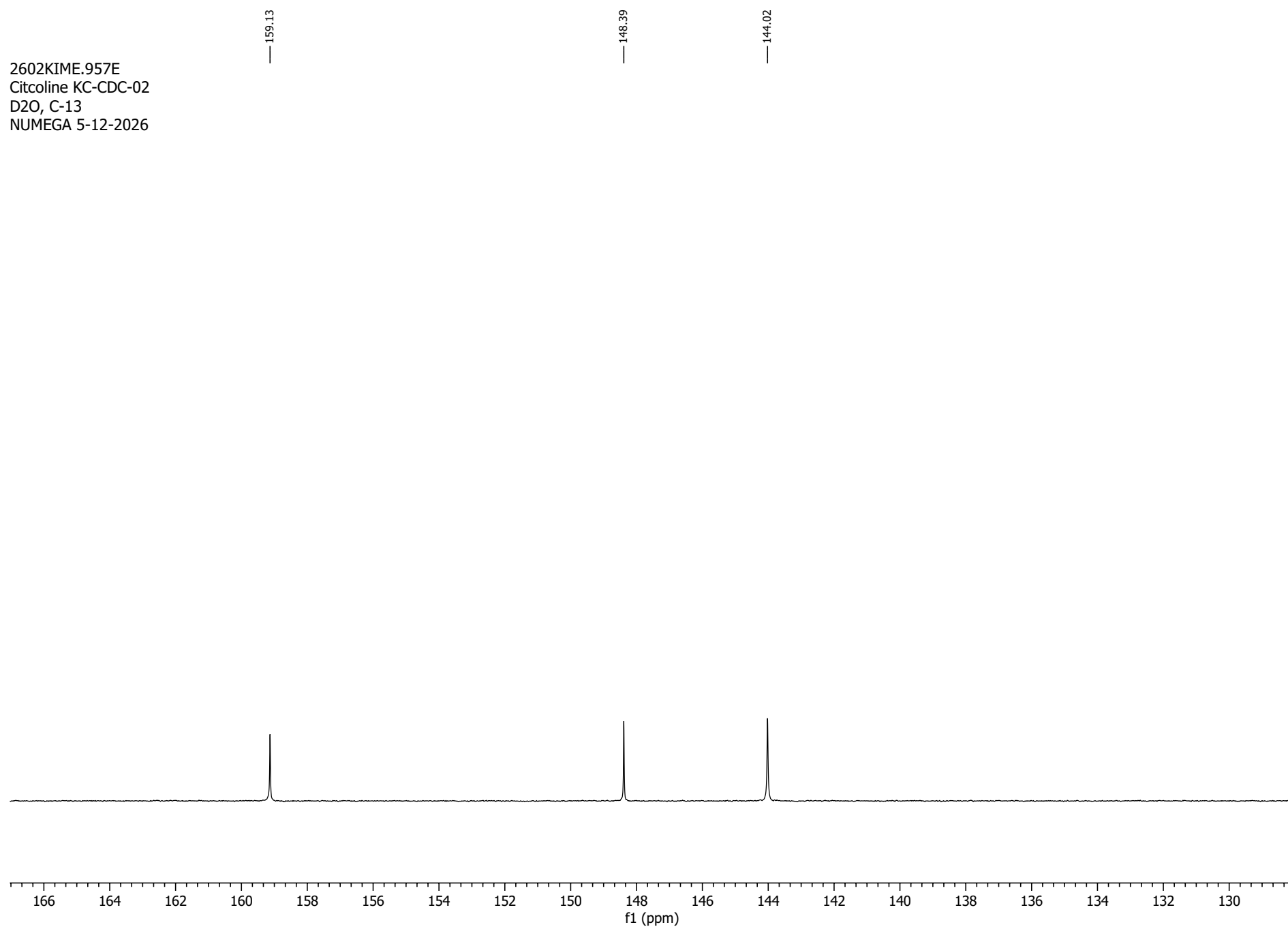
2602KIME.957B
Citcoline KC-CDC-02
D2O, H-1
NUMEGA 5-12-2026



2602KIME.957E
Citcoline KC-CDC-02
D2O, C-13
NUMEGA 5-12-2026



2602KIME.957E
Citcoline KC-CDC-02
D2O, C-13
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2602KIME.957E
Citcoline KC-CDC-02
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