NuMega Resonance Labs
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October 15, 2026

NuMega Reference #
2606KIME.333A

Company: Kimera Chem

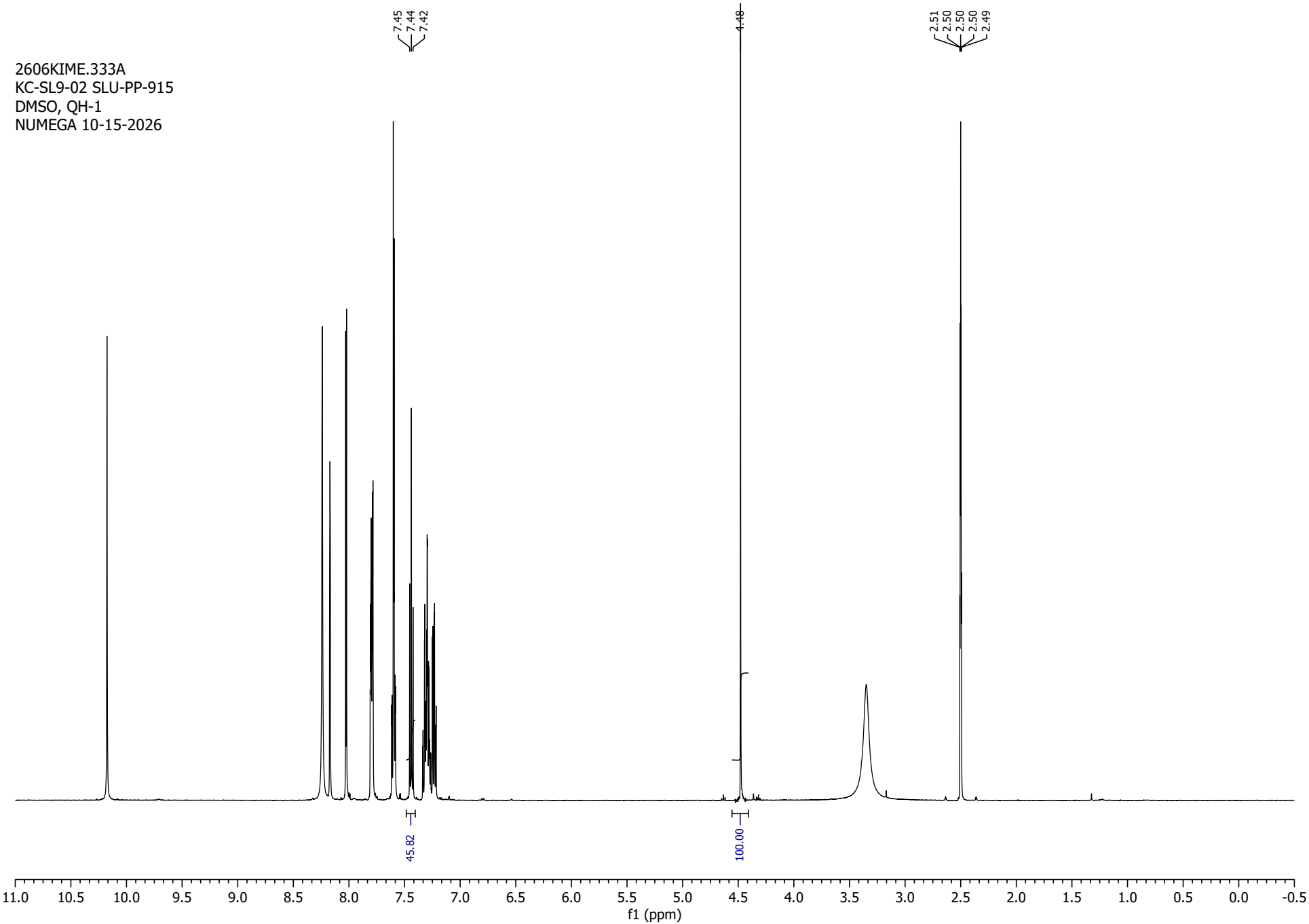
Quantitative Analysis Report

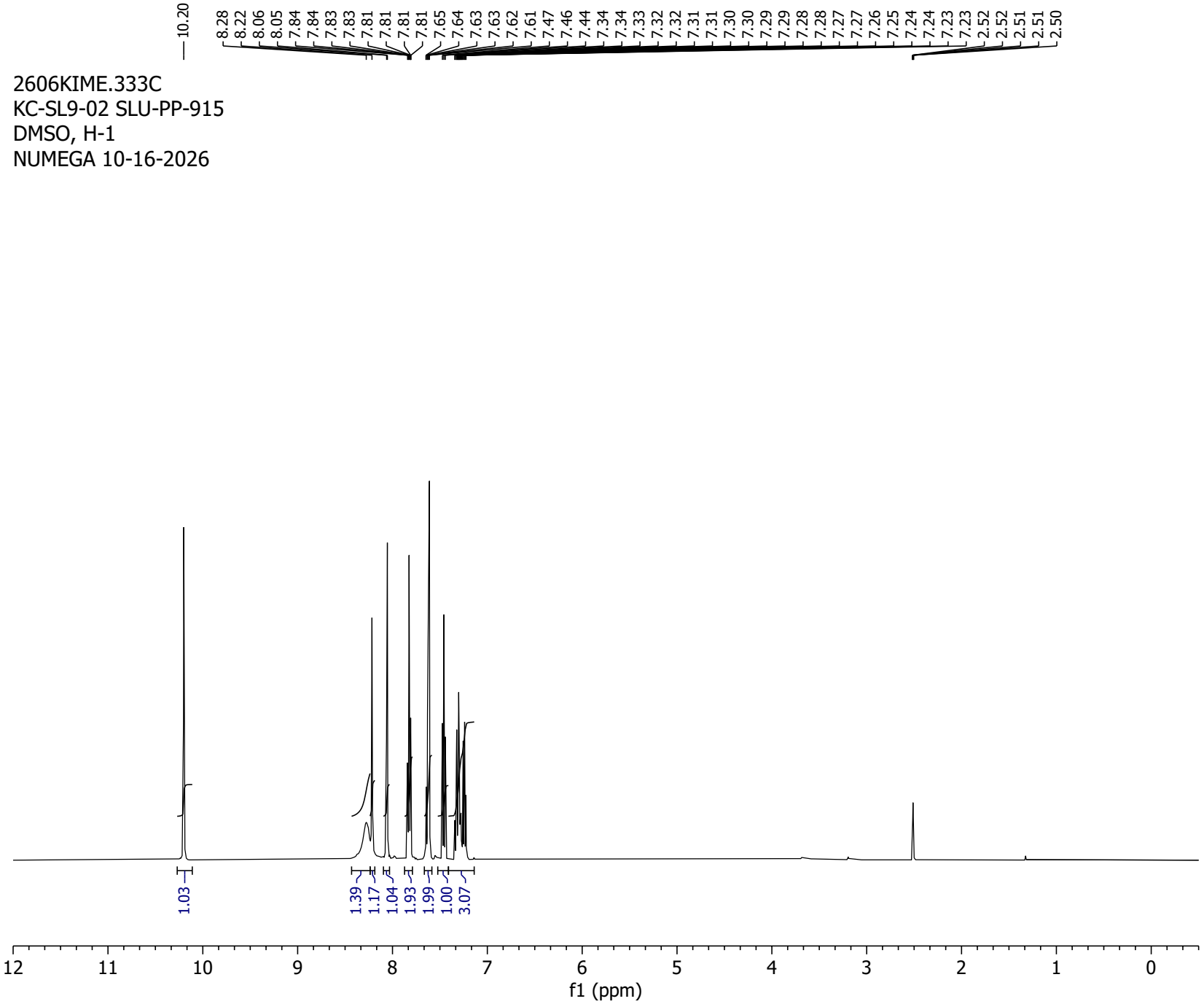
Bruker 500 MHz, AVII-500 and AV-500

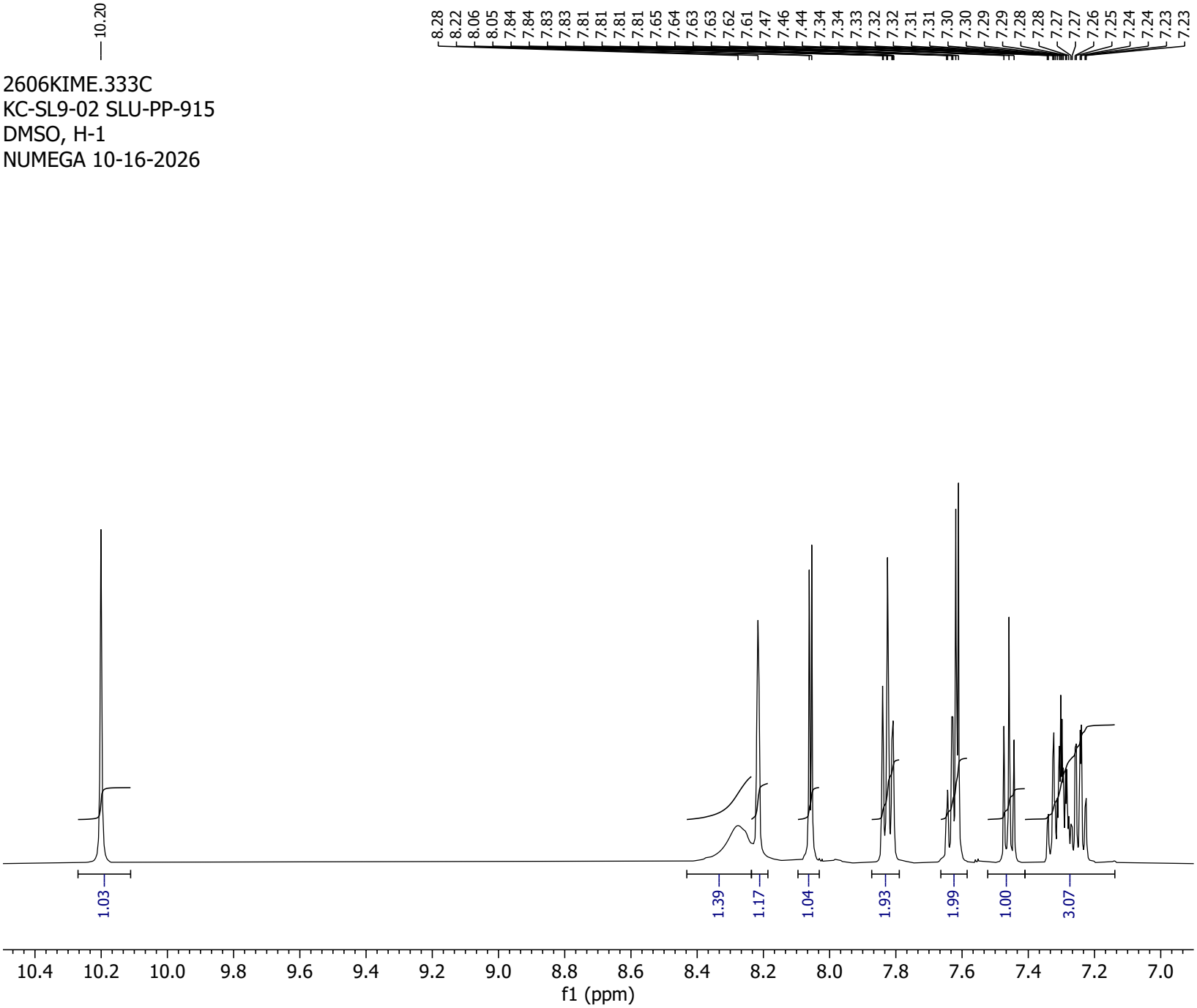
Sample ID	KC-SL9-02 SLU-PP-915
Standard	Ethylene Carbonate
Weight of Standard (wt_{st})	1.696
Weight of Sample (wt_{sa})	12.192
Assumed Sample Molecular Weight (MW_{sa})	341.16
Standard Molecular Weight (MW_{st})	88.06
Integration of Sample (I_{sa})	45.82
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	4
# of Equivalent Nuclei in Sample (n_{sa})	1
Assigned Purity of Standard % (P)	99.71
Purity %	98.5

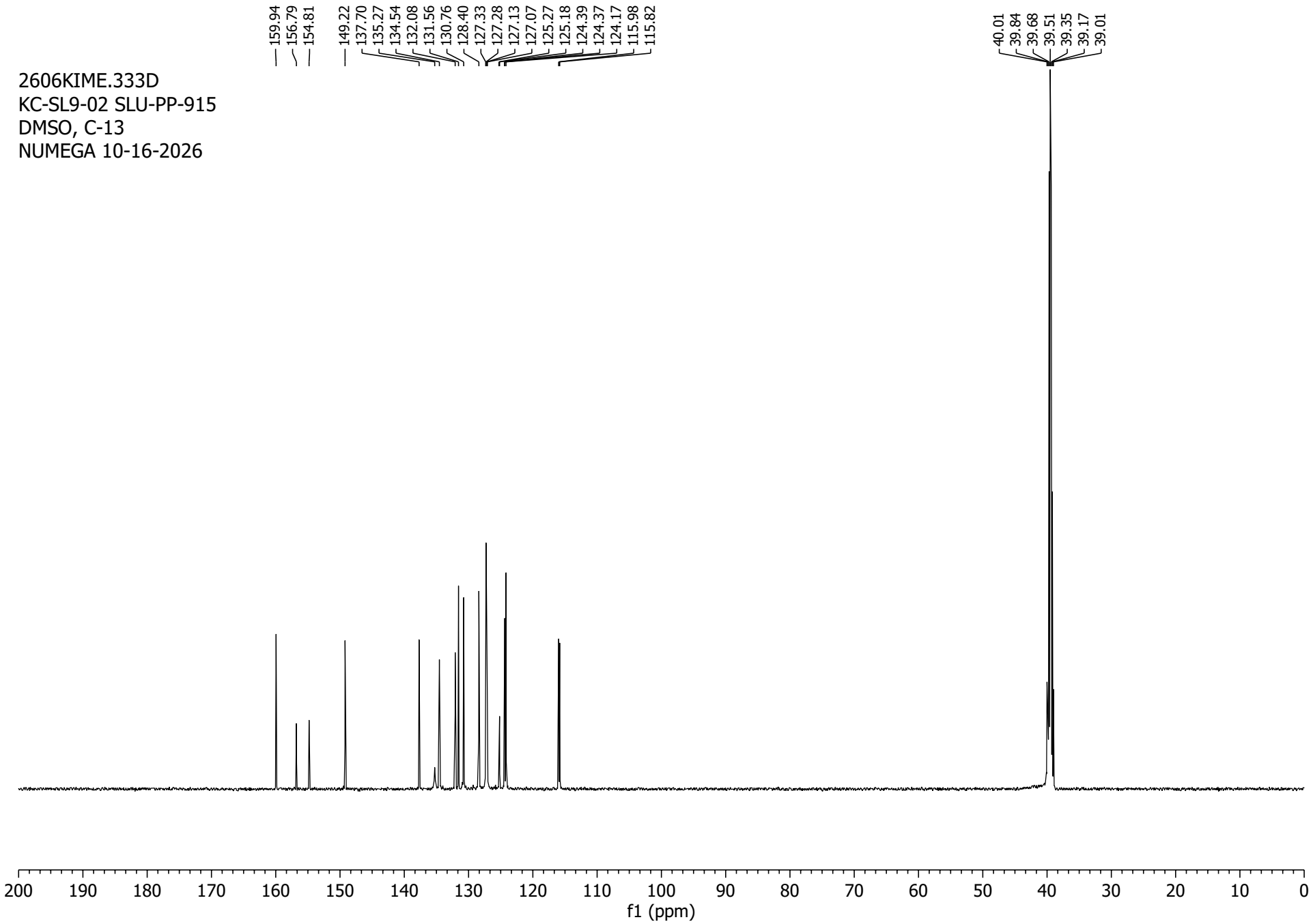
Formula Used for Calculation:

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


2606KIME.333A
KC-SL9-02 SLU-PP-915
DMSO, QH-1
NUMEGA 10-15-2026
7.45
7.44
7.42
4.48
2.51
2.50
2.50
2.50
2.49
45.82
100.00
11.0
10.5
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
f1 (ppm)

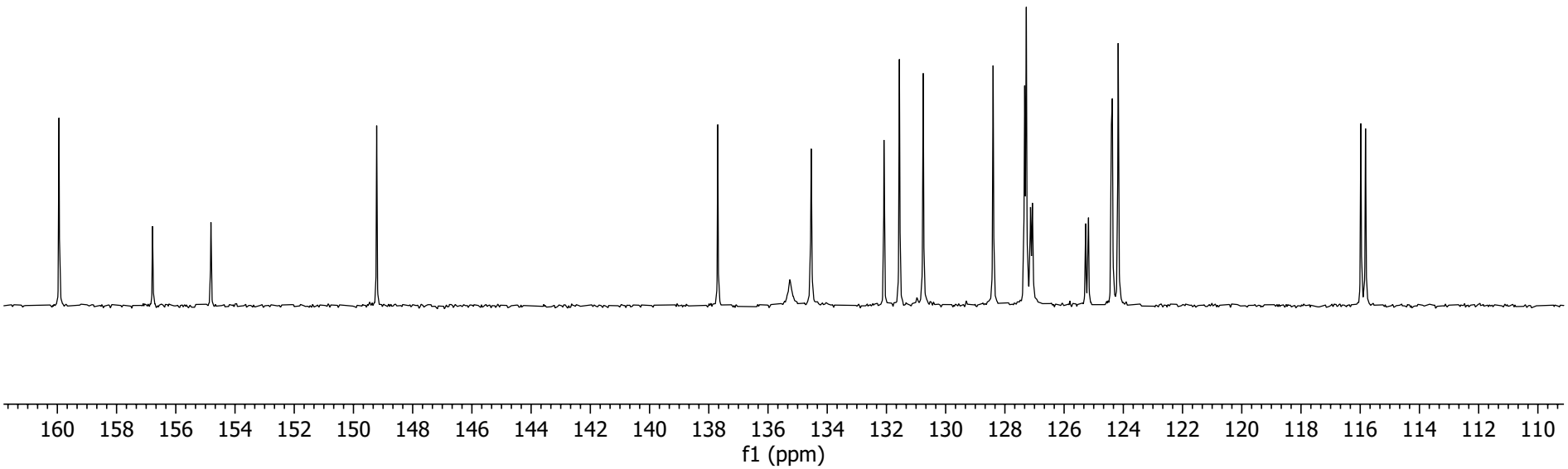

10.20
8.28
8.22
8.06
8.05
7.84
7.84
7.83
7.83
7.81
7.81
7.81
7.81
7.65
7.64
7.63
7.63
7.62
7.61
7.47
7.46
7.44
7.34
7.34
7.33
7.32
7.32
7.31
7.31
7.30
7.30
7.29
7.29
7.28
7.28
7.27
7.27
7.26
7.25
7.24
7.24
7.23
2.52
2.52
2.51
2.51
2.50
2606KIME.333C
KC-SL9-02 SLU-PP-915
DMSO, H-1
NUMEGA 10-16-2026
1.03
1.39
1.17
1.04
1.93
1.99
1.00
3.07
12
11
10
9
8
7
6
5
4
3
2
1
0
f1 (ppm)


10.20
8.28
8.22
8.06
8.05
7.84
7.84
7.83
7.83
7.81
7.81
7.81
7.81
7.65
7.64
7.63
7.63
7.62
7.61
7.47
7.46
7.44
7.34
7.34
7.33
7.32
7.32
7.31
7.31
7.30
7.30
7.29
7.29
7.28
7.28
7.27
7.27
7.26
7.25
7.24
7.24
7.23
7.23
2606KIME.333C
KC-SL9-02 SLU-PP-915
DMSO, H-1
NUMEGA 10-16-2026
1.03
1.39
1.17
1.04
1.93
1.99
1.00
3.07
10.4
10.2
10.0
9.8
9.6
9.4
9.2
9.0
8.8
8.6
8.4
8.2
8.0
7.8
7.6
7.4
7.2
7.0
f1 (ppm)

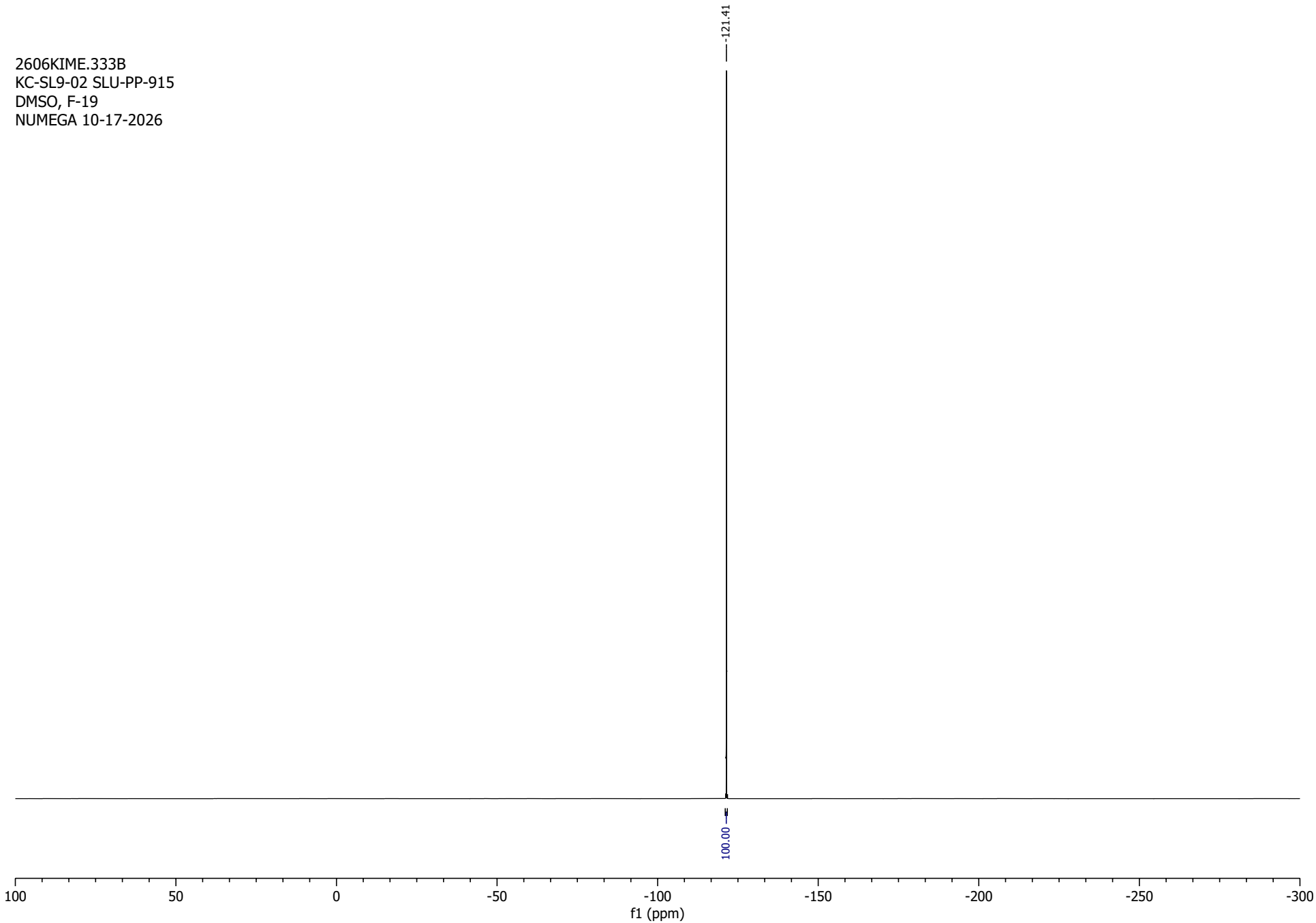

159.94
156.79
154.81
149.22
137.70
135.27
134.54
132.08
131.56
130.76
128.40
127.33
127.28
127.13
127.07
125.27
125.18
124.39
124.37
124.17
115.98
115.82
40.01
39.84
39.68
39.51
39.35
39.17
39.01
2606KIME.333D
KC-SL9-02 SLU-PP-915
DMSO, C-13
NUMEGA 10-16-2026
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
f1 (ppm)

159.94
156.79
154.81
149.22
137.70
135.27
134.54
132.08
131.56
130.76
128.40
127.33
127.28
127.13
127.07
125.27
125.18
124.39
124.37
124.17
115.98
115.82

2606KIME.333D
KC-SL9-02 SLU-PP-915
DMSO, C-13
NUMEGA 10-16-2026



2606KIME.333B
KC-SL9-02 SLU-PP-915
DMSO, F-19
NUMEGA 10-17-2026



2606KIME.333B
KC-SL9-02 SLU-PP-915
DMSO, F-19
NUMEGA 10-17-2026

