PGLChemie LLC

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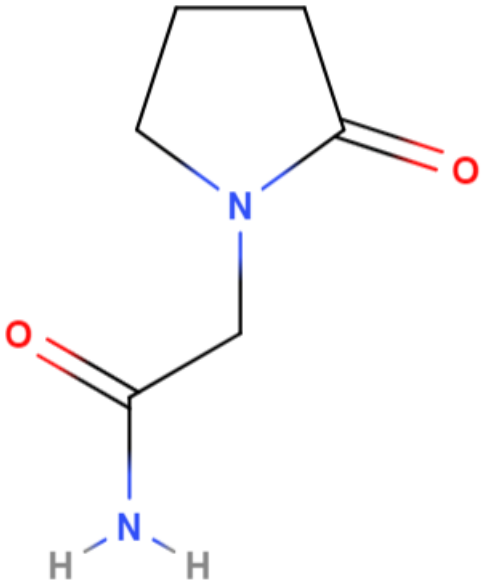
isrlab@protonmail.com

Piracetam



Expected MW: 142.158

Molecular Formula: $C_6H_{10}N_2O_2$

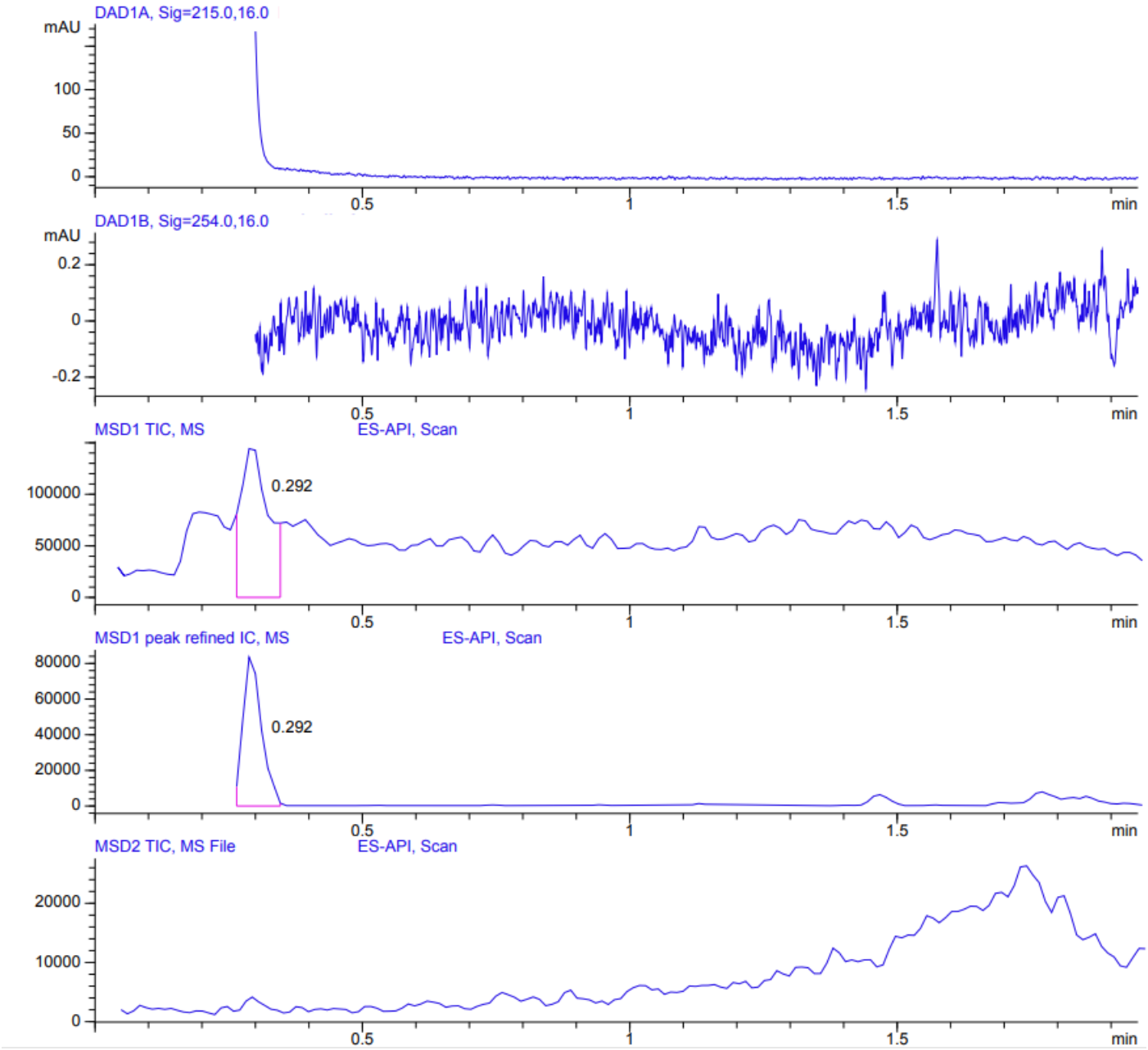
IUPAC Name: 2-oxo-1-pyrrolidineacetamide

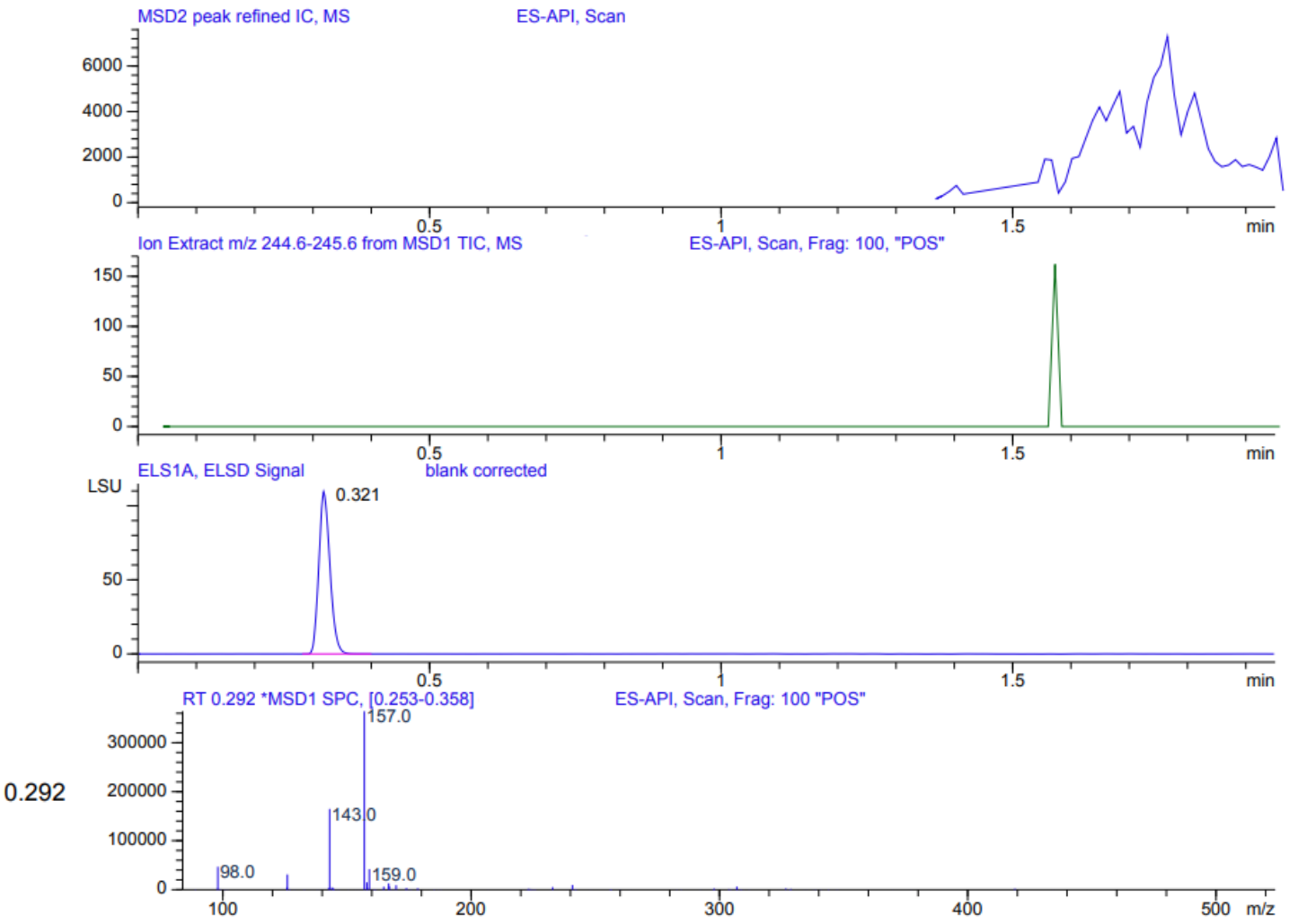
CAS: 7491-74-9

Testing date: 02.02.2025

LCMS:

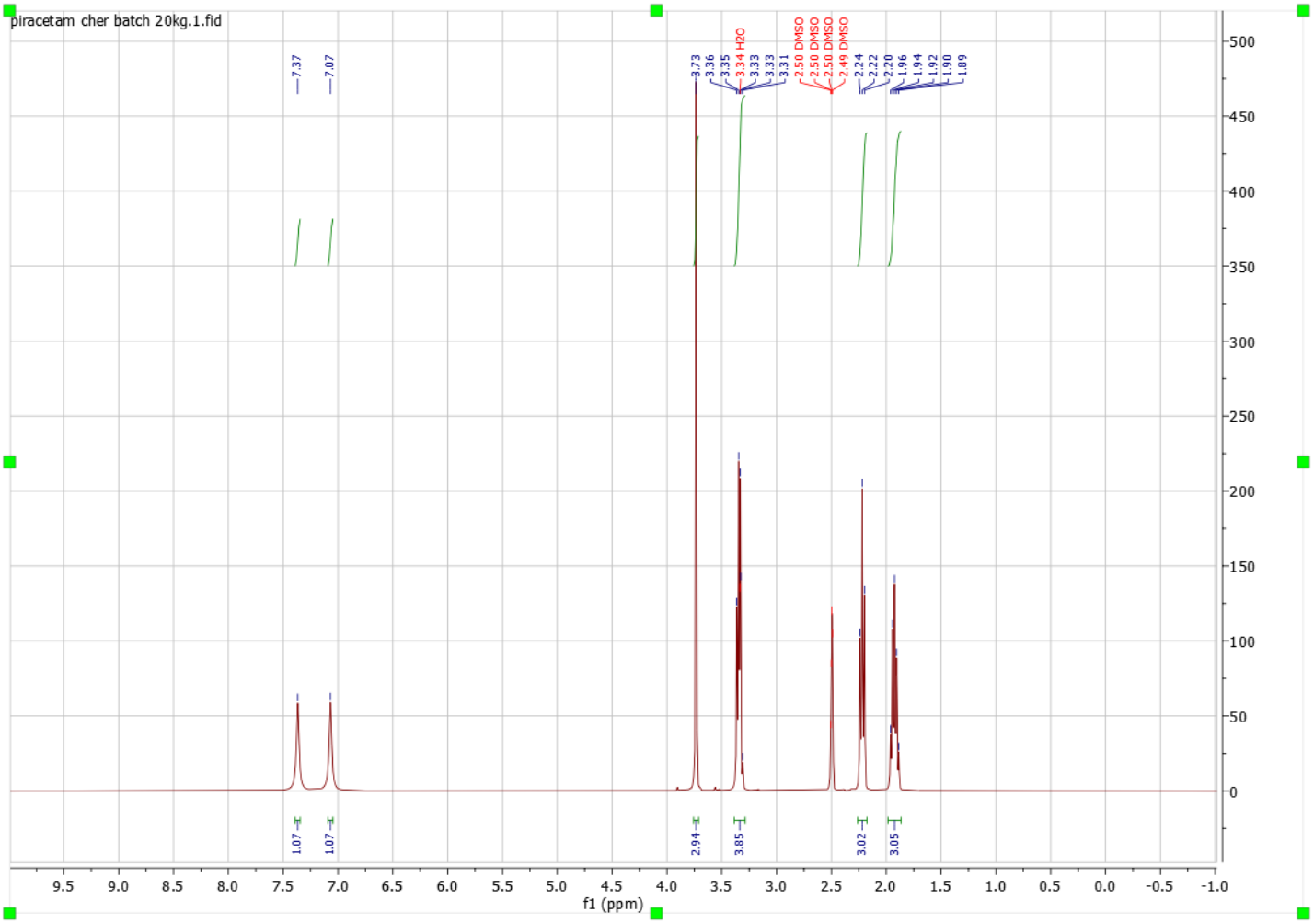
#	RT	DAD1A	DAD1B	MSD1	MSD2	ELSD	MSD1 ions	MSD1 rt	MSD2 ions	MSD2 rt	Info
1	0.284	---	---	100.0%	---	100.0%	143.0(60),98.0(16),126.0(13)	0.292	---	---	




MSD2 peak refined IC, MS
ES-API, Scan
6000
4000
2000
0
0.5
1
1.5
min
Ion Extract m/z 244.6-245.6 from MSD1 TIC, MS
ES-API, Scan, Frag: 100, "POS"
150
100
50
0
0.5
1
1.5
min
ELS1A, ELSD Signal
blank corrected
LSU
0.321
50
0
0.5
1
1.5
min
RT 0.292 *MSD1 SPC, [0.253-0.358]
ES-API, Scan, Frag: 100 "POS"
157.0
300000
200000
143.0
100000
98.0
159.0
0
100
200
300
400
500
m/z

0.292

^{1}H NMR:



Disclaimer

This Certificate of Analysis is provided by PGLChem for informational purposes only. It confirms that the product meets the listed specifications at the time of testing. PGLChem does not accept responsibility for improper use or handling of the product after delivery.