

# Certificate of Analysis

## Piracetam

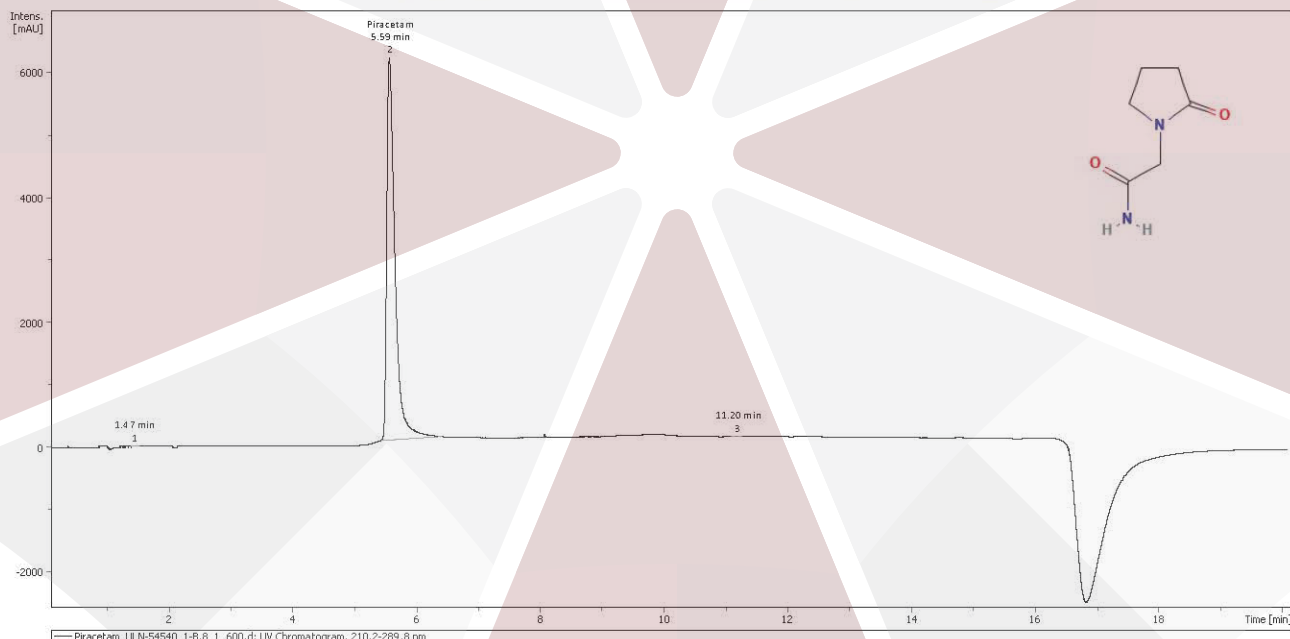
2-(2-oxopyrrolidin-1-yl)acetamide

**Compound** : Piracetam  
**Lot number** : ULN-54540  
**Analysis Date** : 2024-02-22  
**Purity %** : 99.86%  
**Method** : Mass Spectrometry & UV

**Client** : UMBRELLA.us  
 3280 E Hemisphere Loop  
 Tucson, Arizona 85706

PubCem CID: 4843

<https://pubchem.ncbi.nlm.nih.gov/compound/4843>

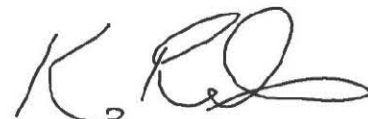


Piracetam\_ULN-54540\_1-B\_8\_1\_600.d: UV Chromatogram, 210.2-289.8 nm

PEAK LIST				Number of detected peaks: 3	
	Time (min)	Area	%Area		
1	1.47	4.68E+01	0.08		
2	<b>5.59</b>	<b>5.70E+04</b>	<b>99.86</b>	<b>Piracetam</b>	
3	11.2	3.02E+01	0.05		

Analysis Performed by  
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 Analytical Chemist  
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Purity determined using UV detection  
 Peak identity confirmed by mass spectrum evaluation  
 Expected mass: 142.1 g  
 Measured mass: 142.1 g  
 Molecular weight confirmed



2024-02-23