

# Certificate of Analysis



FOR



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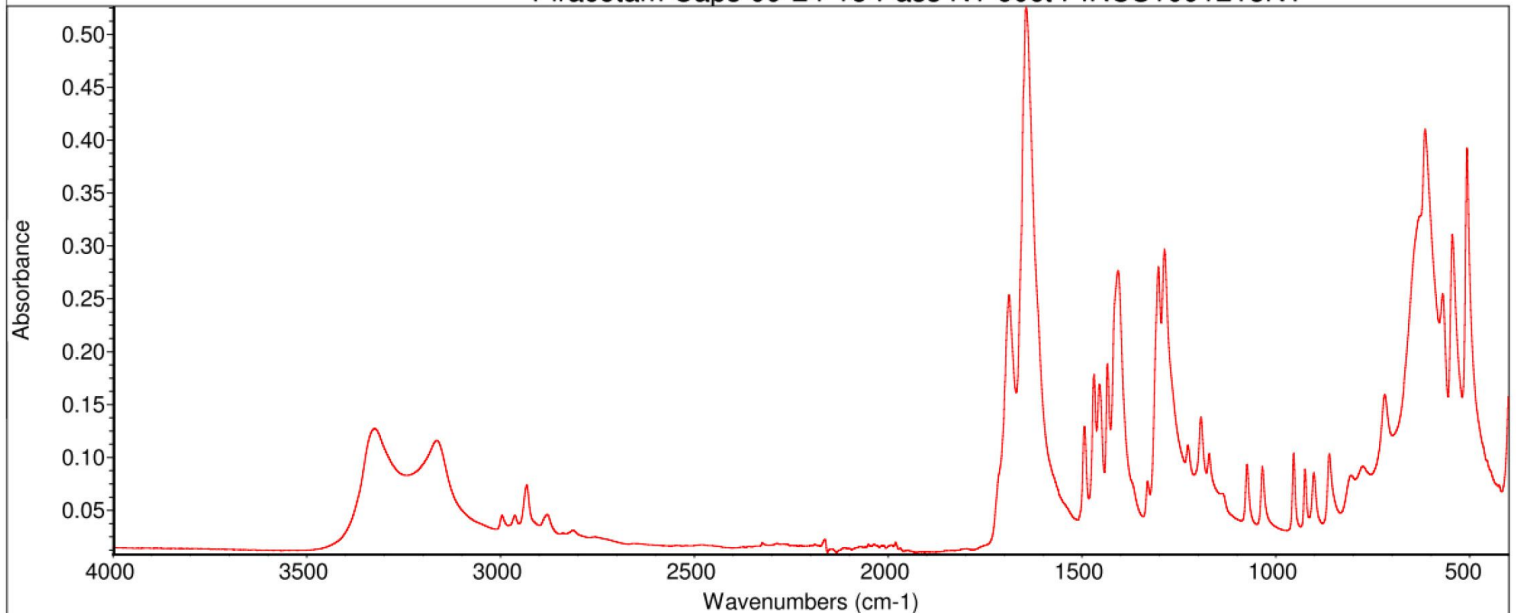
<b>Product Name</b>	<b>Piracetam Capsules</b>	
<b>CAS</b>	7491-74-9	
<b>Batch Number</b>	PIRCS1091218NT	
<b>Production Date</b>	09/19/2018	
<b>Best Used By</b>	09/2020	
<b>Validation Method</b>	FTIR, HPLC	
<b>Specification</b>	Standard	

Analysis	Specification	Result	Method
Appearance	White Crystalline Powder Encapsulated	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Identification	Spectrum	Conforms	FTIR
Specification	(1)Molecular Weight (2)Structure	(1) 142.16 g/mol (2) C <sub>6</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>	(1) LC/MS (2) P-NMR
Assay	≥99.0%	99%	HPLC
Conclusion	Product complies to specifications		

**ThermoFisher**  
SCIENTIFIC

Mon Sep 24 09:50:26 2018 (

Piracetam Caps 09-24-18 Pass NT 60ct PIRCS1091218NT



Spectrum: Piracetam Caps 09-24-18 Pass NT 60ct PIRCS1091218NT

Region: 3999.71-401.13

Search type: Correlation

Hit List:

Index	Match	Compound name	Library
2522	99.84	Piracetam Caps Bulk 09-06-18 Pass PP 5,0 00ct PIRCS1090418PP	HR ATR
1149	99.82	Piracetam Caps 02-20-18 Pass New Raw Mat erial PIRCTNK0218STCH	HR ATR
1113	99.82	Piracetam Caps 02-20-18 Pass New Raw Mat erial PIRCTNK0218STCH	HR ATR

Number of sample scans: 64  
Number of background scans: 64  
Resolution: 4.000  
Sample gain: 4.0  
Optical velocity: 0.4747  
Aperture: 100.00