

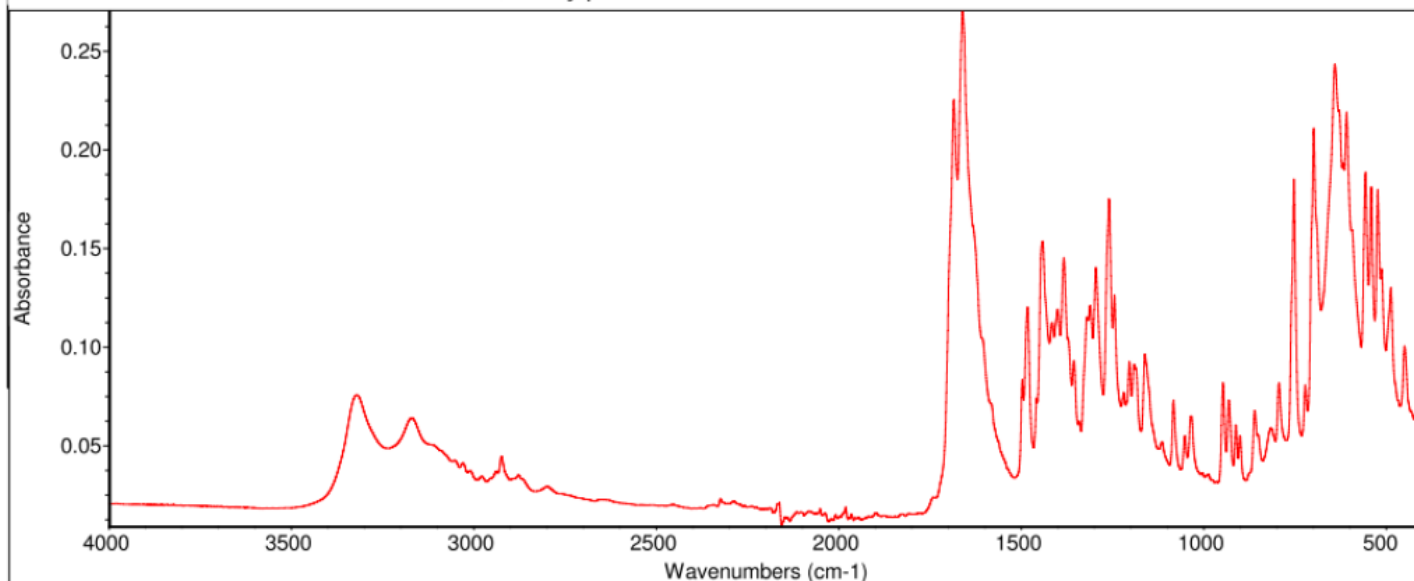
Certificate of Authenticity: Phenylpiracetam

Product Name	Phenylpiracetam	
CAS	77472-70-9	
Batch Number	PHPSNC0517A	
Production Date	3/21/2017	
Expiration Date	3/21/2019	
Validation Method	FTIR, HPLC	
Specification	LC/MS, FTIR	

Analysis	Specification	Result	Method
Appearance	White Crystalline Powder	Complies	Visual
Odor	Nearly Odorless	Complies	Organoleptic
Taste	Metallic, Bitter	Complies	Organoleptic
Identification	(1)Spectrum	(1) Conforms	(1) FTIR
Specification	(1)Molecular Weight (2)Structure	(1) 218.3 g/mol (2) C ₁₂ H ₁₄ N ₂ O ₂	(1) LC/MS (2) P-NMR
Assay	≥99.0%	99.63%	HPLC
Conclusion	Product complies to specifications		

ThermoFisher
SCIENTIFIC

Phenylpiracetam PHPSNC0517A



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

Spectrum: Phenylpiracetam PHPSNC0517A
 Region: 3999.71-401.13
 Search type: Correlation
 Hit List:

Index	Match	Compound name
233	99.63	Phenhhpiracetam PHPSNC0216
615	99.59	Phenylpiracetam PHPSNC0517
518	99.49	Phenylpiracetam PHPSNC0117

Library
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