

NEWMIND  
47 W. Polk St. STE 100-241  
Chicago, IL 60605



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## CERTIFICATE OF ANALYSIS

### Phenylpiracetam

(4-Phenyl-2-pyrrolidone-1-acetamide)

Material Lot #:	20151023	Manufacture Date:	10/23/2015
Country of Origin:	China	Expiration Date:	10/23/2018

Analysis	Claim	Result
Phenylpiracetam	≥99.5%	99.76%

Test	Specification	Result
Appearance	White Powder	Complies
Residue on ignition	≤0.2%	0.16%
Loss on drying	≤0.5%	0.38%
Heavy Metals (μg/g)	≤10 ppm	Complies
Arsenic		0.021 ppm
Cadmium		<0.001
Lead		0.032 ppm
Mercury		<0.001 ppm

Phenylpiracetam should be stored at or below room temperature in a tightly sealed durable container.  
Phenylpiracetam should be protected from excess heat, direct sunlight, excess humidity and moisture.  
Phenylpiracetam has a stable shelf life of 3 years from the date of manufacture when properly stored.

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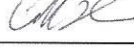
### Phenylpiracetam

(4-Phenyl-2-pyrrolidone-1-acetamide)

Laboratory Number: 6386

Product Name	Phenylpiracetam	Client Lot Number	20151023
Report Date	01/24/16	Order #	SNT_0105

Test	Method	Result
Identificaton	H-NMR	Conforms
Assay	HPLC	99.2%
Heavy Metals	ICP-MS	ppm
Arsenic	ICP-MS	0.021
Cadmium	ICP-MS	<0.001
Lead	ICP-MS	0.032
Mercury	ICP-MS	<0.001

Collin Thomas   
Laboratory Manager

01/24/2016  
Date

*01/24/16*