



LIFTMODE  
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Certificate of Analysis

Synaptent LLC  
47 W. Polk Street, 100-241  
Chicago, IL 60654

Product Name	Phenibut HCL	Product Lot Number	180923
Report Date	11/16/2018	Laboratory Number	11114
Description	Method	Result	
Identification	1H NMR	Conforms	
Assay	HPLC	99.6 %	
Lead	ICP-MS	0.040 ppm	
Arsenic	ICP-MS	< 0.001 ppm	
Cadmium	ICP-MS	0.003 ppm	
Mercury	ICP-MS	0.028 ppm	

*Michael Robil*  
Michael Robil  
QA Auditor

11/16/18  
11/16/2018  
Date

The result(s) stated in this report is only for the sample submitted. This report may not be reproduced in whole or in part, nor may any reference be made to the work, the result, or the company in any news release, public announcements or advertising without our prior written consent.

### Main Benefits

- Phenibut HCL is a calming, mood lifting, sociability enhancing, supplement that acts as a GABA-B agonist to ease stress and support healthy sleep.
- The primary benefits of Phenibut HCL include reduced feelings of pain, easing muscle tension and stress, as well as promotion of deep, restful sleep.
- Phenibut HCL is the stable hydrochloric acid form of the supplement and is a potent and powerful relaxing and calming agent.

### Main Cautions

- Phenibut tolerance builds quickly and it should not be used more than twice per week to mitigate the potential for adverse effects.
- Do not exceed the recommended serving size. Side effects may include dizziness, vertigo, nausea and lethargy.
- Overuse of Phenibut HCL can cause physical dependence and withdrawal. Symptoms of withdrawal may include anxiety, depression, and insomnia.

### PHENIBUT HYDROCHLORIDE

NCC(C(=O)O)c1ccccc1

• HCl

### Usage Tips

- A 0.625cc measuring scoop is included. One level scoop contains approximately one serving, or approximately **500mg of Phenibut HCL**. As a daily supplement, take 1-2 servings, 1-2 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of Phenibut HCL are dependent on the amount taken, so use of a scale with 10mg/0.01g accuracy or better is highly recommended.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder more tolerable.
- This supplement is not intended to treat, diagnose, prevent, or cure any diseases. Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medication.
- It is safe to stack Phenibut HCL with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Phenibut HCL are most effective when they are supported by a healthy diet and plenty of exercise.



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CERTIFICATE OF ANALYSIS

Phenibut HCL Powder  
(β-phenyl-γ-aminobutyric acid HCl)

Material Lot #: 180923      Manufacture Date: 09/23/2018  
Country of Origin: China      Expiration Date: 09/22/2021

Analysis	Claim	Result
Phenibut HCL	≥99.0%	99.35%

Test	Specification	Result
Appearance	Off-white crystalline powder	Complies
Identification	Characteristic	Complies
Melting Point	194.0-202.0°C	197.4-198.6°C
Residue on Ignition	≤0.1%	0.05%
Loss on Drying	≤0.5%	0.26%
pH	2.3-2.7%	2.42
Sulfate	≤0.05%	Complies
Related Substances	≤0.5%	0.31%
Heavy Metals	<10 ppm	Complies
Iron	<60 ppm	Complies
Lead	<1 ppm	Complies
Arsenic	<1 ppm	Complies
Cadmium	<1 ppm	Complies
Mercury	<1 ppm	Complies
Total Plate Count	<1,000 cfu/g	85 cfu/g
Yeast & Mold	<100 cfu/g	25 cfu/g
E.coli	Negative	Negative
Salmonella	Negative	Negative
Assay	≥99.0%	99.35%

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

**<sup>1</sup>H NMR of Phenibut HCl**  
 in DMSO  
 Lot #11114  
 Colmaric Analytical  
 400 MHz  
 11-14-18

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=====
NAME: 11-14-18
EXPNO: 1
PROCNO: 1
F2: Acquisition Parameters
Date_: 11-14-18
Time: 12:22
INSTRUM: spect
PROBHD: 5mm QNP 1H/1
PULPROG: zgpg30
AQ: 2.994
RG: 655.36
AQ: 0.22
SI: 32768
SF: 400.146345
WDW: EM
SSB: 0
LB: 3.00
GB: 0.00
PC: 48.00
DD: 0.00
DE: 0.00
TE: 300.2
DQ: 1.00
=====
=====
NAME: 11-14-18
EXPNO: 1
PROCNO: 1
F2: Processing parameters
SI: 32768
SF: 400.146345
WDW: EM
SSB: 0
LB: 3.00
GB: 0.00
PC: 48.00
DE: 0.00
TE: 300.2
DQ: 1.00
=====
  
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