



LIFTMODE
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CERTIFICATE OF ANALYSIS

Phenibut HCL

(β-phenyl-γ-aminobutyric acid HCl)

Material Lot #: 20180705 Manufacture Date: 07/25/2018
Country of Origin: China Expiration Date: 07/24/2021

Analysis	Claim	Result
Phenibut HCL	≥99.0%	99.53%

Test	Specification	Result
Appearance	Off-white crystalline powder	Complies
Identification	Characteristic	Complies
Relative Material	≤0.1%	Complies
Melting Point	194.0-202.0°C	199.0-200.5°C
pH	2.3-2.7	2.66
Clarity of Solution	≤1#	Complies
Iron	≤0.005%	Complies
Loss on Drying	≤0.5%	0.08%
Residue on Ignition	≤0.1%	0.05%
Heavy Metals	≤10 cfu/g	<10 cfu/g
Assay	≥99.0%	99.53%

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.



Colmaric Analyticals, LLC

812 Meadowlark Lane, Goodlettsville, TN 37072
Telephone: 615-239-8604

Certificate of Analysis

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

Product Name	Phenibut HCL	Product Lot Number	20180705
Report Date	10/09/2018	Laboratory Number	10975

Description	Method	Result
Identification	¹ H NMR	Conforms
Assay	HPLC	99.8 %
Lead	ICP-MS	0.017 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	<0.001 ppm
Mercury	ICP-MS	0.052 ppm

Michael Robil

Michael Robil
QA Auditor

10/09/18

10/09/2018
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.

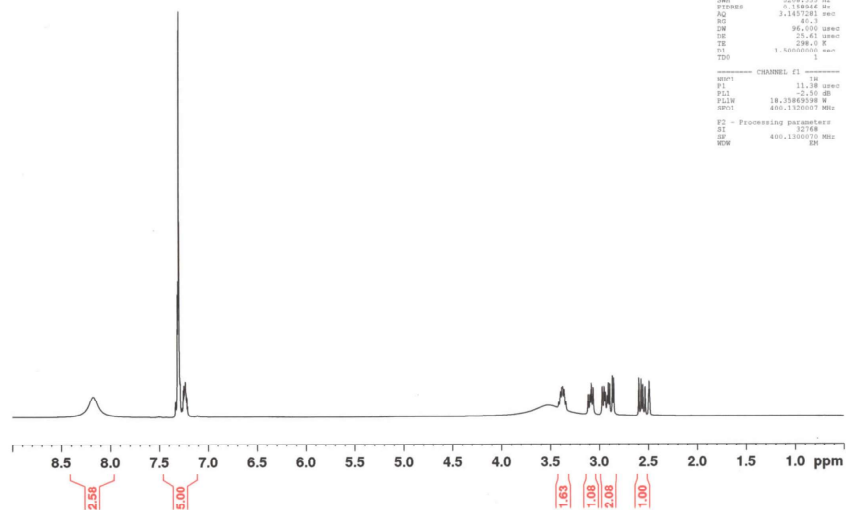
¹H NMR of Phenibut HCl
 in DMSO
 Lot #10975
 Colmaric Analytical
 400 MHz
 10-06-18

```
Current Data Parameters
NAME: 0018-2018-06-18-01
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_   : 20180618
Time    : 10:21
INSTRUM : spect
PROBHD  : 5 mm PABBO BB-
PULPROG : zgpg30
TD       : 32768
SOLVENT : DMSO
AQ       : 0.62
DS       : 0
SWH      : 5208.193 Hz
FIDRES   : 0.118624 Hz
AQC      : 0.1187261 sec
RG        : 46.5
AQ       : 50.000 sec
DE       : 25.41 sec
TE       : 298.2 K
TD0      : 1.0000000 sec
SI       : 1

===== CHANNEL f1 =====
NUC1     : 1H
P1       : 11.08 sec
PC1      : 2.50 dB
PULP1   : 16.35849598 sec
SFO1     : 400.1500007 MHz

F2 - Processing parameters
SI       : 32768
SF       : 400.1500007 MHz
WDW      : EM
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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 this 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

NC(Cc1ccccc1)CC(=O)O

• 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 dietary 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 medications.
- 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.