



LIFTMODE
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CERTIFICATE OF ANALYSIS

Phenibut HCL Powder

(β-phenyl-γ-aminobutyric acid HCl)

Material Lot #: 20190304 Manufacture Date: 11/01/2017
Country of Origin: China Reevaluation Date: 10/31/2020

Analysis	Claim	Result
Phenibut HCL	≥99.0%	99.38%

Test	Specification	Result
Appearance	Off-white crystalline powder	Complies
Identification	Characteristic	Complies
Melting Point	194.0-202.0°C	196.5-198.8°C
Residue on Ignition	<0.1%	0.05%
Loss on Drying	<0.5%	0.26%
pH	2.3-2.7%	2.48
Related Substances	≤0.5%	≤0.1%
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	Complies
Yeast & Mold	≤100 cfu/g	Complies
E.coli	Negative	Negative
Salmonella	Negative	Negative
Assay	≥99.0%	99.38%

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

Product Name	Phenibut HCL	Product Lot Number	20190304
Report Date	04/18/2019	Laboratory Number	11743

Description	Method	Result
Identification	¹ H NMR	Conforms
Assay	HPLC	99.6 %
Lead	ICP-MS	0.038 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.002 ppm
Mercury	ICP-MS	0.003 ppm

Michael Robil

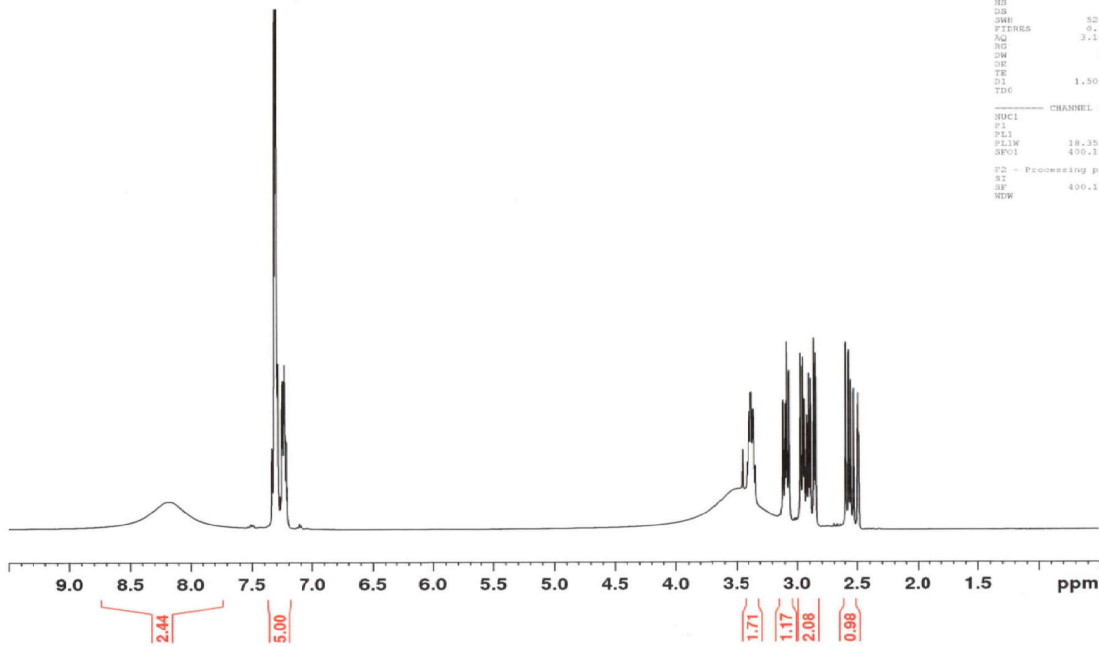
Michael Robil
QA Auditor

04/18/19

04/18/2019
Date

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**¹H NMR of Phenibut HCl
in DMSO
Lot # 11743
Colmaric Analytical
400 MHz
04-16-19**



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Current Data Parameters
NAME      Apr16-2019-colmaric
EXPNO    1
PROCNO   1

F2 - Acquisition Parameters
Date_    20190416
Time     16.59
INSTRUM spect
PROBHD   5 mm PABBO BB-
PULPROG zg30
TD       32768
SOLVENT  DMSO
NS       2
DS       2
SWH      5208.333 Hz
FIDRES   0.158946 Hz
AQ       2.1457281 sec
RG       57
DM       95.000 usec
DE       25.61 usec
TE       298.2 K
D1       1.5000000 sec
TDC      1

----- CHANNEL f1 -----
NUC1     1H
P1       11.20 usec
PL1     -2.50 dB
PL12    18.35869398 W
SFO1    400.1320007 MHz

F2 - Processing parameters
SI       32768
SF       400.1300008 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 Phenibu 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 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.

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.

PHENIBUT HYDROCHLORIDE

