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Colmaric Analyticals, LLC

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CERTIFICATE OF ANALYSIS

Certificate of Analysis

Synaptent LLC

Phenibut HCL Powder

(β-phenyl-γ-aminobutyric acid HCl)

Material Lot #: 20190303 Manufacture Date: 03/15/2019
Country of Origin: China Expiration Date: 03/14/2022

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	196.5-198.8C
Residue on Ignition	≤0.1%	0.05%
Loss on Drying	≤0.5%	0.26%
pH	2.3-2.7	2.48
Heavy Metals	<10 ppm	Complies
Assay	≥99.0%	99.38%

Product Name	Phenibut HCL	Product Lot Number	20190303
Report Date	04/18/2019	Laboratory Number	11744

Description	Method	Result
Identification	¹ H NMR	Conforms
Assay	HPLC	99.5 %
Lead	ICP-MS	0.037 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.005 ppm
Mercury	ICP-MS	0.001 ppm

Michael Robil

Michael Robil
QA Auditor

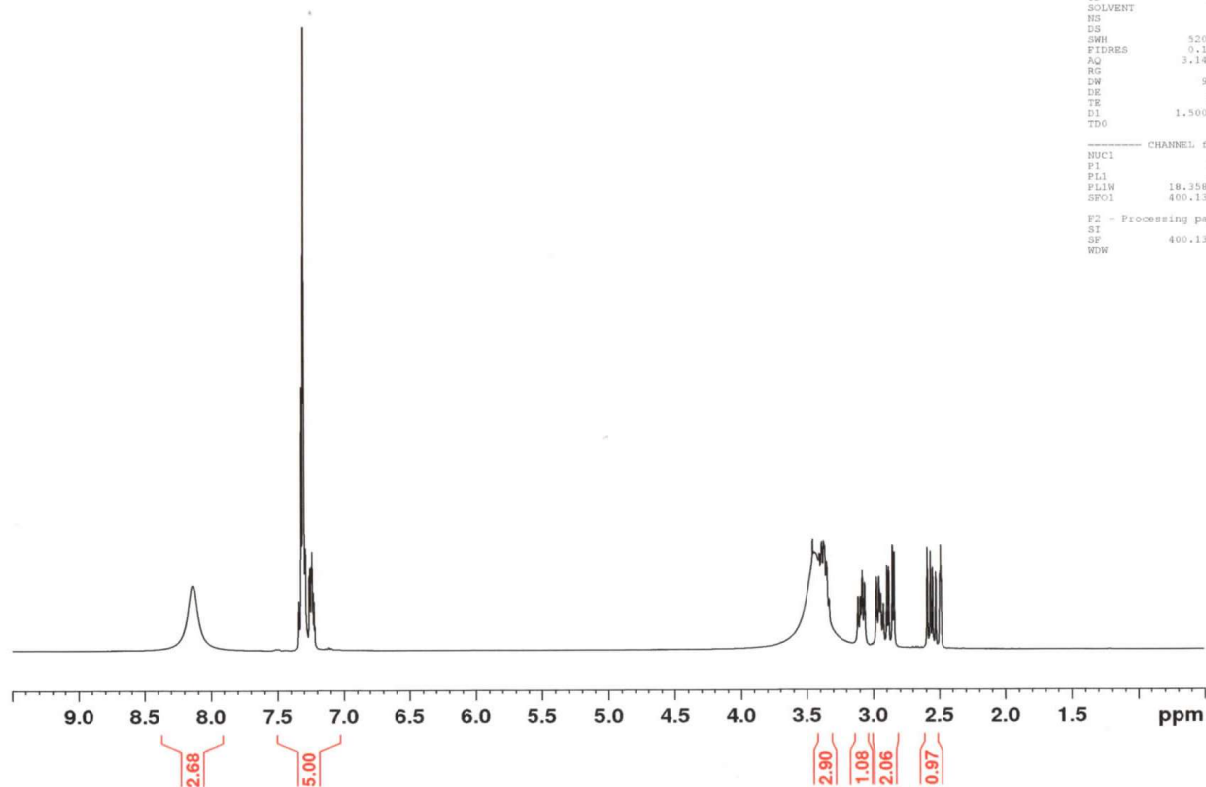
04/18/19

04/18/2019
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.

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.

1H NMR of Phenibut HCl
in DMSO
Lot # 11744
Colmaric Analytical
400 MHz
04-16-19



Current Data Parameters
NAME Apr16-2019-colmaric
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20190416
Time 17:05
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 0
SWH 5208.333 Hz
FIDRES 0.158946 Hz
AQ 3.1457281 sec
RG 71.0
DW 96.000 usec
DE 25.61 usec
TE 298.0 K
D1 1.5000000 sec
TDC 1

CHANNEL f1
NUC1 1H
P1 11.38 usec
PL1 -2.50 dB
PL1W 18.3586959W
SFO1 400.1320007 MHz
F2 - Processing parameters
SI 32768
SF 400.1300067 MHz
WDW EM

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

