



LIFTMODE
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CERTIFICATE OF ANALYSIS

Phenibut HCL

(β-phenyl-γ-aminobutyric acid HCl)

Material Lot #: 20180706 Manufacture Date: 07/25/2018
Country of Origin: China Expiration Date: 07/24/2021

Analysis	Claim	Result
Phenibut HCL	≥99.5%	99.5%

Test	Specification	Result
Appearance	Almost White Crystal	Complies
Related Substances	≤0.1	Complies
Clarity of Solution	1#	Complies
Iron %	≤0.005%	Complies
Melting Point	194.0-202.0°C	199.0-200.5°C
pH	2.3-2.7	2.66
Loss on Drying	≤0.5%	0.09%
Residue on Ignition	≤0.1%	0.05%
Mesh Size	15-30 Mesh	Conforms
Heavy Metals (µg/g)	≤10 ppm	Conforms

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	20180706
Report Date	10/09/2018	Laboratory Number	10976

Description	Method	Result
Identification	¹ H NMR	Conforms
Assay	HPLC	99.2 %
Lead	ICP-MS	0.020 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.004 ppm
Mercury	ICP-MS	0.065 ppm

Michael Robil

Michael Robil
QA Auditor

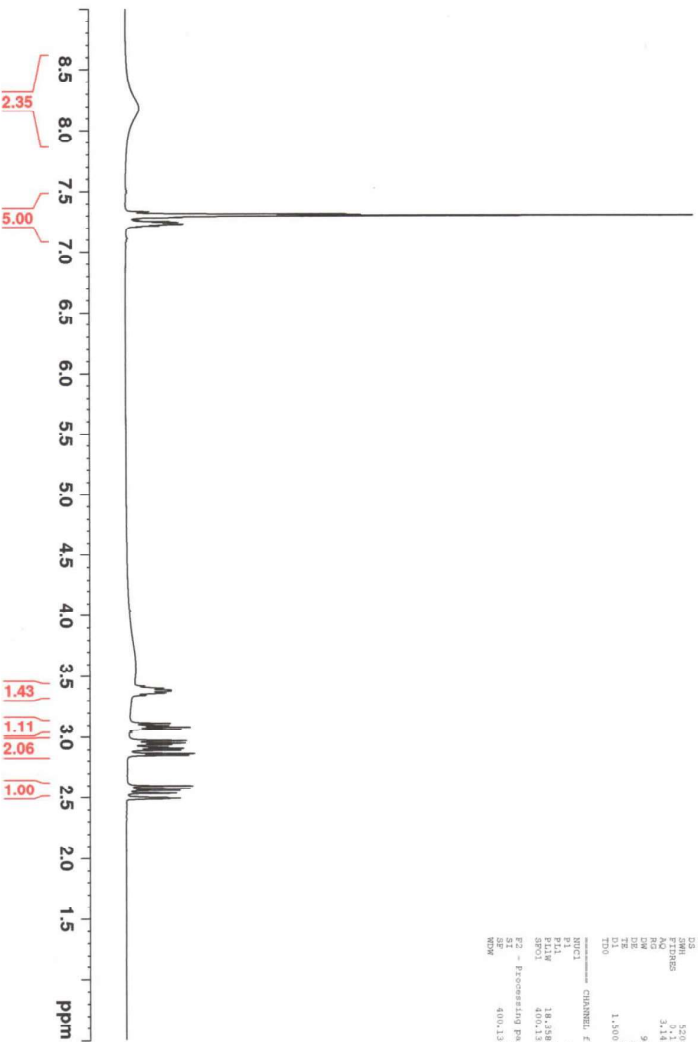
10/09/18

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 #109776
 Colmaric Analytical
 400 MHz
 10-08-18



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Current Data Parameters
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EXPNO      1
PROCNO     1
F2 - Acquisition Parameters
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Date_      20111018
Time       10:49
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