

LIFTMODE
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CERTIFICATE OF ANALYSIS

Phenibut Free Amino Acid

(β-phenyl-γ-aminobutyric acid)

Material Lot #: 20180501
Country of Origin: China

Manufacture Date: 05/03/2018
Expiration Date: 06/13/2021

Analysis	Claim	Result
Phenibut FAA	≥ 99.5%	99.51%

Test	Specification	Result
Appearance	White or almost white powder	Complies
Relative Material	≤0.1	Complies
Water %	≤0.5%	0.16%
Residue on Ignition	≤0.1	0.07
Assay %	≥ 99.0%	99.51%

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



Colmaric Analyticals, LLC

812 Meadow Lark 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 Free Acid	Product Lot Number	PIV20180501
Report Date	06/26/18	Laboratory Number	10392

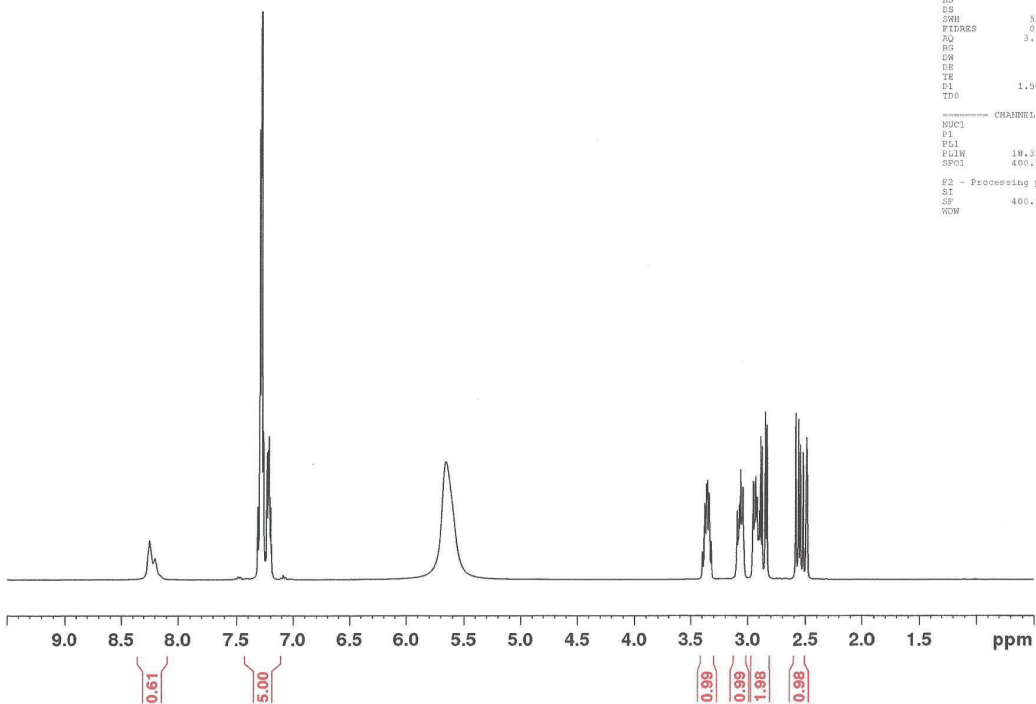
Description	Method	Result
Identification	Proton NMR	Conforms to structure
Assay	CA-073 (HPLC)	100.2%
Lead	ICP-MS USP <730>	0.007 ppm
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	0.006 ppm
Mercury	ICP-MS USP <730>	0.429 ppm
Total Aerobic Count	Biolumix	<100 CFU/g
Yeast and Mold	Biolumix	<100 CFU/g
E.Coli	Biolumix	Negative
Coliform	Biolumix	<10 CFU/g
Salmonella	Biolumix	Negative

Collin Thomas *CT*
Laboratory Manager

06/26/2018 *6/26/18*
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 Free Acid
in DMSO + DCI
Lot # 10392
Colmaric Analytical
400 MHz
06-11-18



Current Data Parameters
NAME Jun11-2018-003naric
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180611
Time 12.50
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 6
SWH 5208.333 Hz
FIDRES 0.118946 Hz
FQ 3.1457281 sec
RG 1.8
AQ 96.000 usec
DE 25.61 usec
TE 298.0 K
D1 1.5000000 sec
TD0 1

----- CHANNEL f1 -----
NUC1 1H
P1 11.38 usec
PL1 -5.50 dB
PL1W 18.35869598 W
SFO1 400.1320007 MHz

F2 - Processing parameters
SI 32768
SF 400.1300071 MHz
WDW EM