



LIFTMODE
47 W. Polk St. STE 100-241
Chicago, IL 60605

liftmode@liftmode.com
www.liftmode.com

CERTIFICATE OF ANALYSIS

Phenibut HCL
(β-phenyl-γ-aminobutyric acid HCl)

Material Lot #: 20180411 Manufacture Date: 4/27/2018
Country of Origin: China Expiration Date: 6/20/2021

Analysis	Claim	Result
Phenibut HCL	≥99.5%	99.72%

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	198.3-199.7°C
pH	2.3-2.7	2.60
Loss on Drying	≤0.5%	0.05%
Residue on Ignition	≤0.1%	0.01%
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.



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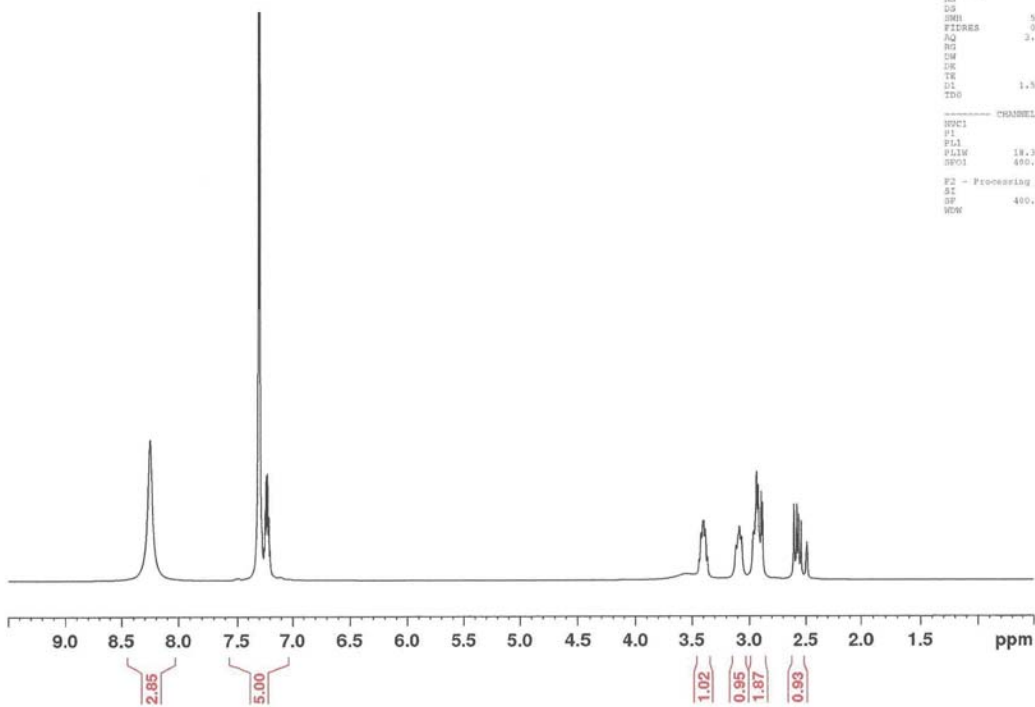
Product Name	Phenibut HCL	Product Lot Number	20180411
Report Date	06/21/18	Laboratory Number	10391

Description	Method	Result
Identification	Proton NMR	Conforms to structure
Assay	CA-073 (HPLC)	100.7%
Lead	ICP-MS USP <730>	0.011 ppm
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	0.005 ppm
Mercury	ICP-MS USP <730>	0.418 ppm

Collin Thomas *Collin Thomas*
Laboratory Manager

06/21/2018 *6/21/18*
Date

1H NMR of Phenibut HCl (fine)
in DMSO
Lot # 10391
Colmaric Analytical
400 MHz
06-11-18



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Current Data Parameters
NAME      Null-2018-060618
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20180611
Time      12.43
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         32768
SOLVENT    DMSO
NS         32
DS         0
SWH        5209.333 Hz
FIDRES     0.198946 Hz
AQ         0.1457281 sec
RG         31.9
CW         36.000 usec
CK         25.61 usec
TE         298.0 K
SI         1.50000000 sec
TD0        1

----- CHANNEL f1 -----
NUC1       1H
P1         11.20 usec
PL1        -2.50 dB
PL1W       19.35460598 V
SFO1       400.1126037 MHz

F2 - Processing parameters
SI         32768
SF         400.1100459 MHz
WDW        EM
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