



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

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CERTIFICATE OF ANALYSIS

F-Phenibut HCL

(4-Amino-3-(4-Fluorophenyl) Butyric Acid Hydrochloride)

Material Lot #: 20160101 Manufacture Date: 01/20/2016
Country of Origin: China Expiration Date: 01/19/2018

Analysis	Claim	Result
F-Phenibut HCL	≥98.0%	99.0%

Test	Specification	Result
Appearance	Almost White Crystal	Complies
Clarity of Solution	≤1#	Complies
Loss on Drying	≤0.5%	0.1%
Residue on Ignition	≤0.1%	0.02%
Heavy Metals (µg/g)	≤10 ppm	<10 ppm
HPLC Purity	≥99.0%	100.0 %
Assay %	≥98.0 %	99.0 %

F-Phenibut HCl should be stored at or below room temperature in a tightly sealed durable container.
F-Phenibut HCl should be protected from excess heat, direct sunlight, excess humidity and moisture.
F-Phenibut HCl has a stable shelf life of 2 years from the date of manufacture when properly stored.



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
F-Phenibut HCL


(4-Amino-3-(4-Fluorophenyl) Butyric Acid Hydrochloride)

Laboratory Number: 6695

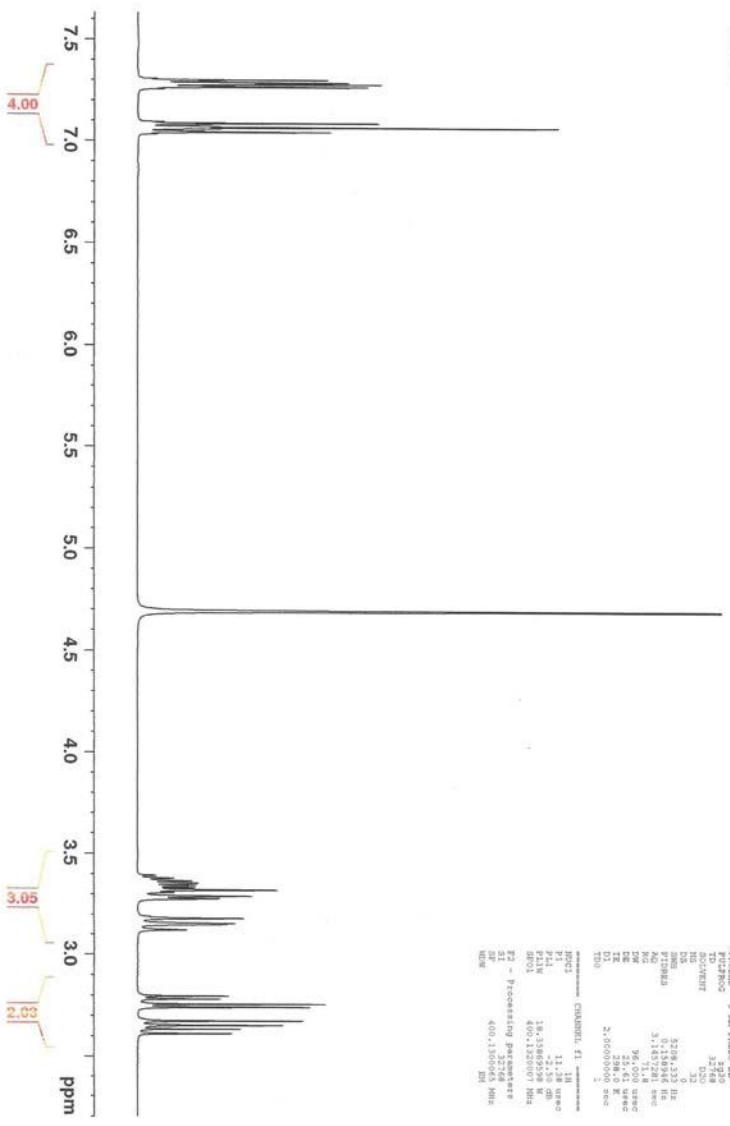
Product Name	F-Phenibut	Client Lot Number	20160101
Report Date	03/22/16	Order #	SNT_0131

Test	Method	Result
Identification	H-NMR	Conforms
HPLC Purity	HPLC	100.0%
Heavy Metals	ICP-MS	ppm
Arsenic	ICP-MS	0.013
Cadmium	ICP-MS	0.002
Lead	ICP-MS	0.124
Mercury	ICP-MS	0.004

Collin Thomas 
Laboratory Manager

03/22/2016 
Date

¹H NMR of F-phenbut
 In D₂O
 Lot #6695
 400 MHz
 Colmaric Analytical
 03-09-16



Current Data Parameters
 Name: NMR3-2016-03-09-16
 Rec'd: 1
 F2 - Acquisition Parameters
 Date_: 2016/03/09
 Time: 12:25:00
 Instrument: spect
 Processor: 3 mm BBO-500
 F1F2PCPG: 2Dzgpg30
 TO: 16000000
 NO: 32
 DS: 4
 SWH: 5108.330 Hz
 FIDRES: 0.116924 Hz
 AQ: 0.1200000000
 RG: 655.314 Spect
 SFO: 400.1460000 MHz
 CF: 15.00 Speed
 CE: 2086.0 K
 TE: 300.2
 TD0: 2,000,000.0000
 ===== CHANNEL f1 =====
 SFO1: 400.1460000 MHz
 P1: 1.10000000
 PL1: 19.50000000 dB
 DR1: 400.1250000 MHz
 F2 - Processing parameters
 SI: 32768
 SF: 400.1380000 MHz
 DS: 4