



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

newmind@newmind.com
www.newmind.com

CERTIFICATE OF ANALYSIS

F-Phenibut HCL (4-Amino-3-(4-Fluorophenyl) Butyric Acid Hydrochloride)

Material Lot #: 20171101 Manufacture Date: 10/09/2018
Country of Origin: China Expiration Date: 10/08/2020

Analysis	Claim	Result
F-Phenibut HCL	≥98.0%	99.12%

Test	Specification	Result
Appearance	Almost White Crystal	Complies
Clarity of Solution	≤1*	Complies
Loss on Drying	≤0.5%	0.15%
Residue on Ignition	≤0.1%	0.02%
Heavy Metals (µg/g)	≤10 ppm	<10 ppm
HPLC Purity %	≥99.0	100.0
Titration Assay %	≥98.0	99.12

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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Colmaric Analyticals, LLC

812 Meadowlark Lane, Goodlettsville, TN 37072
Telephone: 615-239-8604

Certificate of Analysis

Synaptent LLC
47 W Polk Street, 100-241
Chicago, IL 50654

Product Name	F-Phenibut	Product Lot Number	20171101
Report Date	10/09/2018	Laboratory Number	10978

Description	Method	Result
Identification	1H NMR	Conforms
Assay	HPLC	99.9 %
Lead	ICP-MS	0.139 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.038 ppm
Mercury	ICP-MS	0.066 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 F-Phenibut
in DMSO
Lot #10978
Colmaric Analytical
400 MHz
10-08-18

