



NEWMIND  
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Chicago, IL 60605

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## CERTIFICATE OF ANALYSIS

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

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Material Lot #: 20171101  
Country of Origin: China

Manufacture Date: 11/20/2017  
Retesting Date: 10/09/2021

Analysis	Claim	Result
F-Phenibut HCL	>99.0%	99.9%

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Test	Claim	Result
Loss on Drying	≤0.5%	0.15%
Residue on Ignition	≤0.1%	0.02%
Heavy Metals	≤10 ug/g	≤10 ug/g
HPLC Purity	≥99.0%	99.9%
Titration Assay	≥98.5%	99.12%

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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 3 years from the date of testing when properly stored.



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

## Certificate of Analysis

Synaptent LLC  
 47 W Polk Street, 100-241  
 Chicago, IL 60654

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

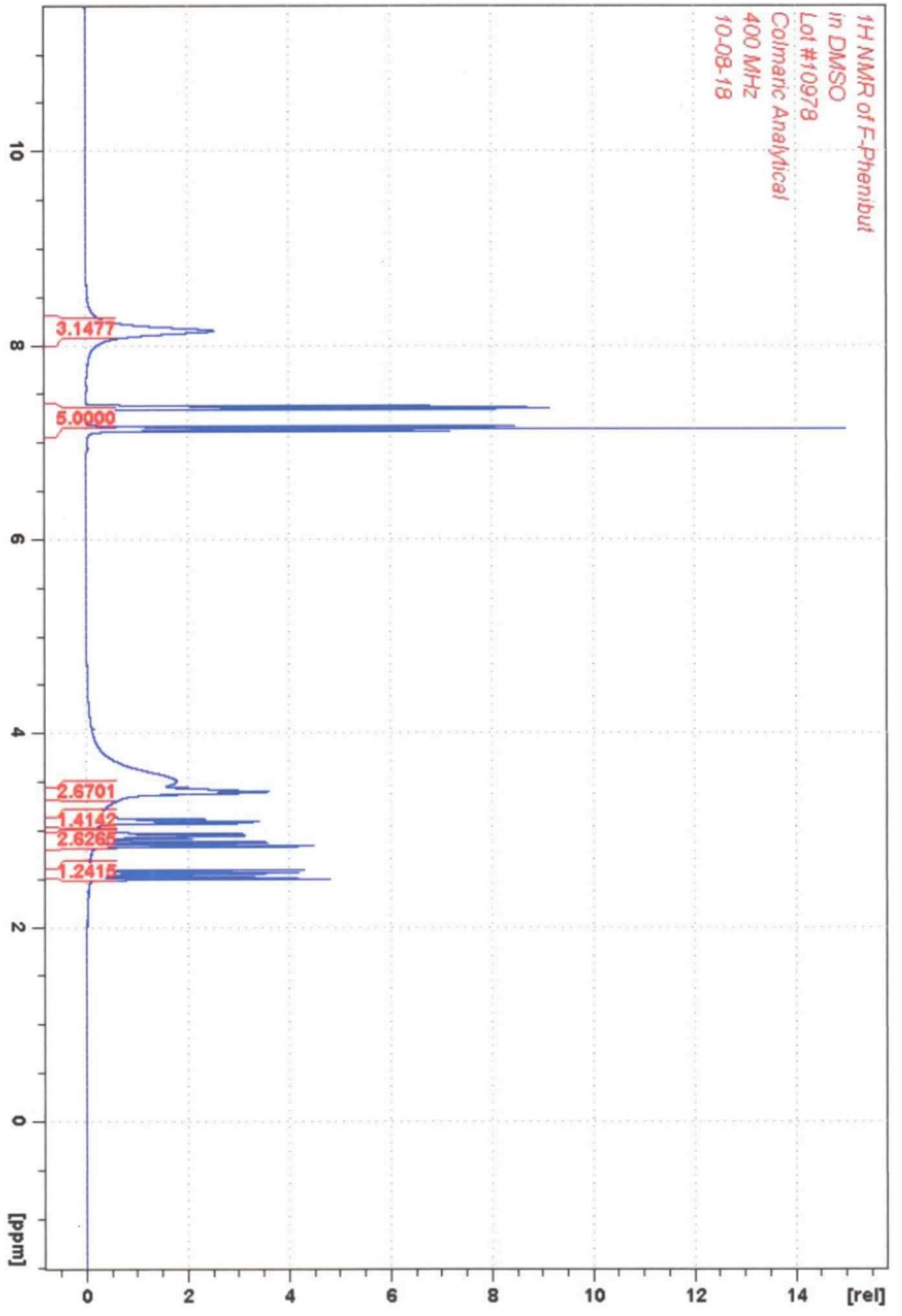
Description	Method	Result
Identification	<sup>1</sup> H NMR	Conforms
Assay	HPLC	99.9 %
Lead	ICP-MS	0.139 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	0.038 ppm
Mercury	ICP-MS	0.066 ppm

*Michael Robil*  
Michael Robil  
 QA Auditor

*10/09/18*  
10/09/2018  
 Date

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**<sup>1</sup>H NMR of F-Phenbut  
in DMSO  
Lot #10978  
Colmaric Analytical  
400 MHz  
10-08-18**





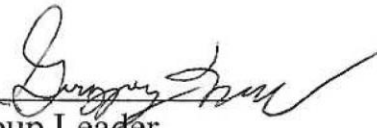
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## Certificate of Analysis

Synaptent LLC  
47 W Polk Street, 100-241  
Chicago, IL 60654

Product Name	F-Phenibut HCl-Solution	Product Lot Number	200698
Report Date	02/11/2020	Laboratory Number	13704

Description	Method	Result
Assay	HPLC	105.3mg/mL

Gregory Love   
Laboratory Group Leader

02/11/2020  
02/11/2020  
Date

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