



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

newmind@newmind.com
www.newmind.com

CERTIFICATE OF ANALYSIS

CRL-40,940
(Flmodafinil)

Material Lot #: 20170903 Manufacture Date: 09/06/2017
Country of Origin: China Retesting Date: 09/05/2020

Analysis	Claim	Result
CRL-40,940	>98.0%	>99.25%

Test	Claim	Result
Appearance	Off-white or white crystalline powder.	Conforms
Solubility	Very slightly soluble/practically insoluble in water, sparingly soluble in methanol, slightly soluble in ethanol.	Conforms
Loss on Drying	≤ 6.0%	4.2%
Residue on Ignition	≤ 0.1%	0.067%
Heavy Metals	≤ 10 ppm	Conforms
Sulphated Ash	≤ 0.1%	0.08%

CRL-40,940 should be stored at or below room temperature in a tightly sealed durable container.
CRL-40,940 should be protected from excess heat, direct sunlight, excess humidity and moisture.
CRL-40,940 has a stable shelf life of 3 years from the date of testing when properly stored.



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Product Name	CRL-40,940	Product Lot #	20170903
Report Date	11/20/2017	Lab #	9445

Description	Test Method	Results
Identification	¹ H-NMR	Conforms
Assay	HPLC	100%
Lead	ICP-MS USP<730>	0.013ppm
Arsenic	ICP-MS USP<730>	<0.001ppm
Cadmium	ICP-MS USP<730>	0.028ppm
Mercury	ICP-MS USP<730>	<0.001ppm

Peter Yoho PhD
QA Auditor

11/20/2017
Date

11/20/17

1H NMR of CRL-40,940
in DMSO
Lot # 9445
Colmaric Analytical
400 MHz
11-13-17

Current Data Parameters
NAME Nov13-2017-colmaric
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171113
Time 12.14
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 5208.533 Hz
FIDRES 0.158946 Hz
AQ 1.1457291 sec
RG 71.8
DW 96.000 usec
DE 23.41 usec
TE 298.0 K
SI 1.5000000 sec
TD0 1

CHANNEL F1
NUC1 1H
P1 11.38 usec
PL1 -2.50 dB
PL12 18.73869398 dB
SFO1 400.1300007 MHz

F2 - Processing parameters
SI 32768
SF 400.1300048 MHz
WDW RM

