



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

newmind@newmind.com
www.newmind.com

CERTIFICATE OF ANALYSIS

Adrafinil

(2-(benzhydrylsulfinyl)acetohydroxamic acid)

Material Lot#	20160704	Manufacture Date:	07/06/2016
Country of Origin:	China	Retesting Date:	07/04/2018

Analysis	Claim	Result
Assay	≥98%	99.42%

Test	Claim	Result
Appearance	Light red to off white crystalline powder	Complies
Solubility	Soluble in methanol, slightly soluble in ethyl-acetate & methylene chloride, practically insoluble in water	Complies
Identification	IR & HPLC matches standard	Complies

Impurity Test	Claim	Result
Melting Point	148°~150°C	149.0~149.3°C
Isomer	≤1.0%	0.66%
Loss on Drying	≤0.5%	0.32%
Residue on Ignition	≤0.1%	0.78%
Heavy Metals	≤20ppm	Complies

Conforms to Standard

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



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Product Name	Adrafinil	Product Lot Number	20160704
Report Date	11/30/16	Laboratory Number	7991

Test	Method	Results
Adrafinil	CA-054 (HPLC-UV)	99.8%
Identification	¹ H-NMR	Positive
Lead	ICP-MS USP <730>	0.030 ppm
Arsenic	ICP-MS USP <730>	0.125 ppm
Cadmium	ICP-MS USP <730>	0.001 ppm
Mercury	ICP-MS USP <730>	0.006 ppm

Connor Holt
QA Auditor

11/30/2016
Date

Connor Holt

11-30-16