



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

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CERTIFICATE OF ANALYSIS

Adrafinil

(2-(benzhydrylsulfinyl)acetohydroxamic acid)

Material Lot#	20151208	Manufacture Date:	12/08/2015
Country of Origin:	China	Retesting Date:	12/07/2018

Analysis	Claim	Result
Assay	≥98%	99.35%

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	149.0~149.2°C
Isomer	≤1.0%	0.55%
Loss on Drying	≤0.5%	0.2%
Residue on Ignition	≤0.1%	0.08%
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	20151208
Report Date	09/09/16	Laboratory #	7667

Test	Method	Result
Identification	Proton NMR	Conforms
Adrafinil	HPLC	99.4%
Lead	ICP-MS USP <730>	0.089 ppm
Arsenic	ICP-MS USP <730>	0.124 ppm
Cadmium	ICP-MS USP <730>	0.001 ppm
Mercury	ICP-MS USP <730>	<0.001 ppm

Joshua Gray
QA Auditor

09/09/2016
Date

9-9-16