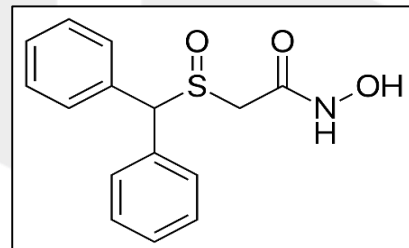


Product: Adrafinil 300mg Capsules
IUPAC Name: (±)-2-Benzhydrylsulfinylethanehydroxamic acid

Lot Number: ADRCS1092719UK
Capsule Batch Number: ADCENZ1019VEG **Capsule Size/Color/Material:** Size 1 Clear Vegetable Capsule
Other Ingredients: Magnesium Stearate, Microcrystalline Cellulose

Raw Material Batch: ADR0200919 **Mfg Date:**8/2019 **Best By:**08/2022 **Appearance:**Lt reddish to white, fine, free flowing powder
CAS: 63547-13-7 **Odor:** Grapefruit
Molecular Formula: C₁₅H₁₅NO₃S **Molecular Weight:** 289.35 g/mol



Analysis	Specification	Result	Methodology
Identity	Reference Standard	Conforms	NMR
Assay	≥ 98% (Dry Basis)	99%	HPLC
Melting Point	Report Only	150°C	MP70 Melting Point System
Loss on Drying	≤5%	2.20%	Moisture Balance

Heavy Metals	Specification	Result	Methodology
Arsenic	< 0.5 ppm	<0.0625ppm	ICP-MS
Cadmium	< 0.5 ppm	<0.0250ppm	
Lead	< 0.5 ppm	0.0549ppm	
Mercury	< 0.5 ppm	0.0129ppm	

Microbial Proliferation	Specification	Result	Methodology
All	< 0.73	0.4	Water Activity
Aerobic Plate Count	< 10,000 cfu/g	Conforms	FDA BAM
Yeast and Mold Count	< 1,000 cfu/g	Conforms	
Coliforms	< 100 cfu/g	Conforms	
E. coli	Absent / 10g	Conforms	
Staphylococcus	Absent / 10g	Conforms	
Salmonella spp.	Absent / 25g	Conforms	

