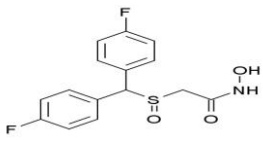


## CERTIFICATE OF ANALYSIS

Product Name:	<b>Fladrafinil</b> 2-[[Bis(4-fluorophenyl)methyl]sulfinyl]-N-hydroxyacetamide		
Cas No. :	90212-80-9	Quantity:	30kg
MFG. Date:	2020.03.10	Batch No:	CRL-20200310
Report Date:	2020.03.15	Retest. Date:	2022.03.14

Testing Items	Specification	Result
Appearance	Off-white, crystalline powder with slight pink color to white powder	Conforms
Solubility	Soluble in methanol, slightly soluble in ethylacetate and dichloromethane, almost insoluble in water	Conforms
<b>Identification</b>		
IR	The infrared absorption spectrum is concordant with the spectrum obtained	Conforms
HPLC	The retention time of main peak of the test and standard are concordant	Conforms
<b>Tests</b>		
Loss on drying	≤0.5%	0.41%
Related Substances(HPLC)	Largest single impurity≤0.5%	0.23%
	Total impurity≤1.0%	0.37%
Heavy metals	≤20ppm	Conforms
Sulphated ash	≤0.1%	0.05%
Assay(On dried basis)	98.0%-102%	99.63%
Conclusion	Meets in-house specification.	
<b>Packing and Storage</b>		
Packing	Pack in two layers plastic-bag.	
Storage	Store in a well-closed place with constant low temperature and no direct sun light.	
Shelf life	2 years when properly stored.	

ANALYST:

CHECKER:

Q.C. DIRECTOR:

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