

Certificate of Analysis

Product Name	(S)-3,10-dibromo-6-phenyl-6H-benzo[5,6][1,3]oxazino[3,4-a]indole		
Batch No.	N114-026	CAS No.	1392102-38-3
Quantity	30G	Reference	In house
Manufacture Date	Sep. 25,2017	Retest Date	Sep.24, 2019
Packaging Format	Internal PE bag/External Aluminum foil bag		

Items	Specifications	Test Results
Description	White to Light brown color powder	Off-White powder
Identification	IR spectrum of sample corresponds to that of standard preparation	IR
	The retention time of the major peak in the chromatogram of sample corresponds to that in the chromatogram of standard preparation	HPLC
Solubility	Soluble in dimethylformamide	Conforms
Loss on drying (At 105°C for 3 hrs)	NMT 0.5%	0.14%
R-Isomer content	NMT 1.0%	0.25%
Related Substance	ELB-Impurity-A NMT 0.15%	N.D
	ELB-Impurity-B NMT 0.15%	N.D
	ELB-Impurity-C NMT 0.15%	N.D
	ELB-Impurity-D NMT 0.15%	0.07%
	Unknown impurity NMT 0.2%	0.07%
	Total Impurities: NMT 2.0%	0.37%
Purity	NLT 98.0%	99.63%