INDOFINE Chemical Company, Inc.
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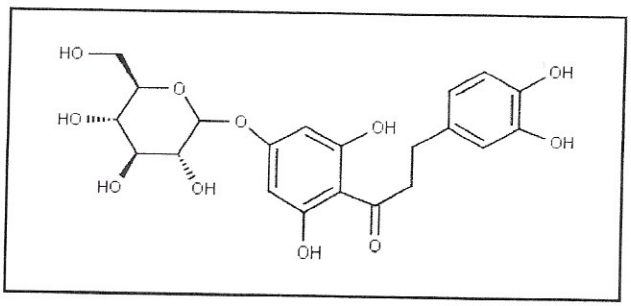
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis

021358S SIEBOLDIN Lot No.: 19062601

CAS RN	18777-73-6
MOL FORMULA	$C_{21}H_{24}O_{11}$
MOL WEIGHT	452,42



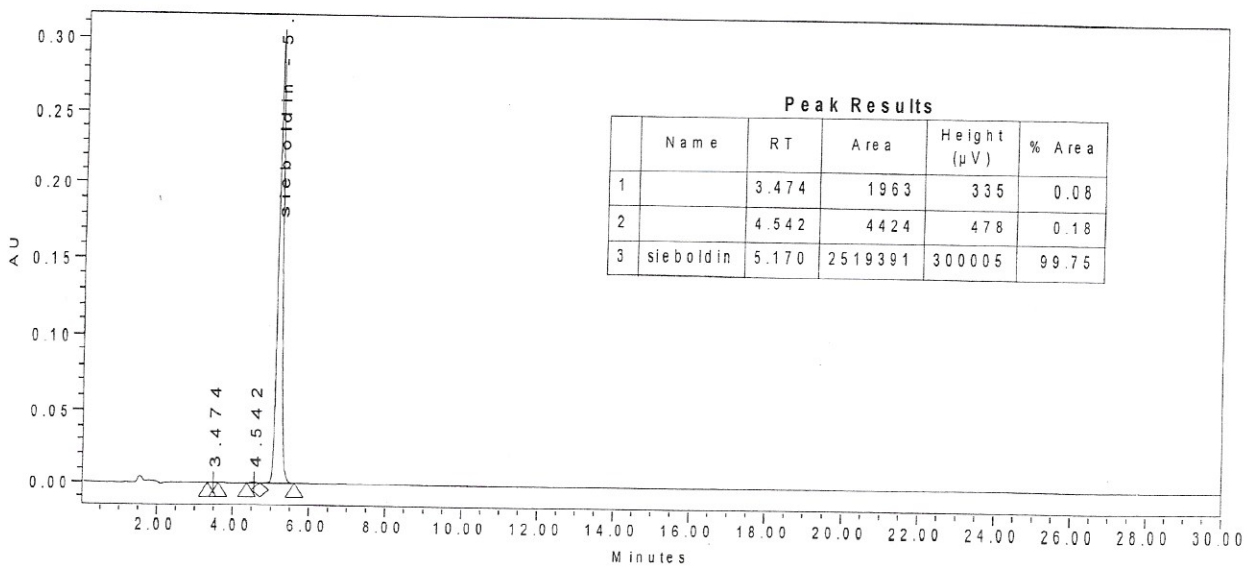
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		2,6
Residual solvents	GC-HS	% w/w		0,1
Inorganics	ICP-MS	% w/w		<0,1
Purity	HPLC	% area	≥ 99,0	99,8
Assay	**Calculated (*)**	**% w/w**		**97,1**

(*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

CHROMATOGRAPHIC PURITY / HPLC

Column : Symmetry Shield RP18 - 4,6x150 mm - 3,5 µm
Mobile phase : Water + 0,3%H_3PO_4 75 / ACN 25 (v/v)
Detection : UV 280 nm

Temperature : 30°C
Flow rate : 1 ml/min
Injection volume : 5 µl
Injection solvent : EtOH



Peak Results

	Name	RT	Area	Height (µV)	% Area
1		3.474	1963	335	0.08
2		4.542	4424	478	0.18
3	sieboldin	5.170	2519391	300005	99.75

LONG TERM STORAGE : Below 8°C in a dry and dark place

TRANSPORT CONDITIONS : Ambient temperature