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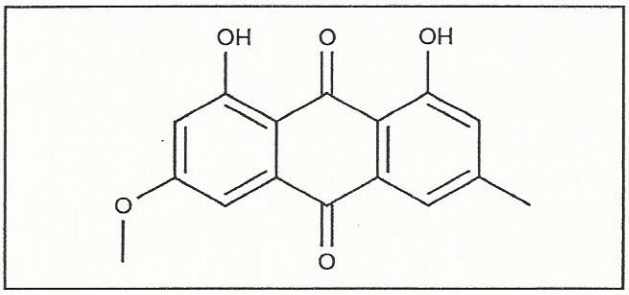
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis

020454S PHYSCION Lot No.: 17031409

CAS RN	521-61-9
MOL FORMULA	$C_{16}H_{12}O_5$
MOL WEIGHT	284,28



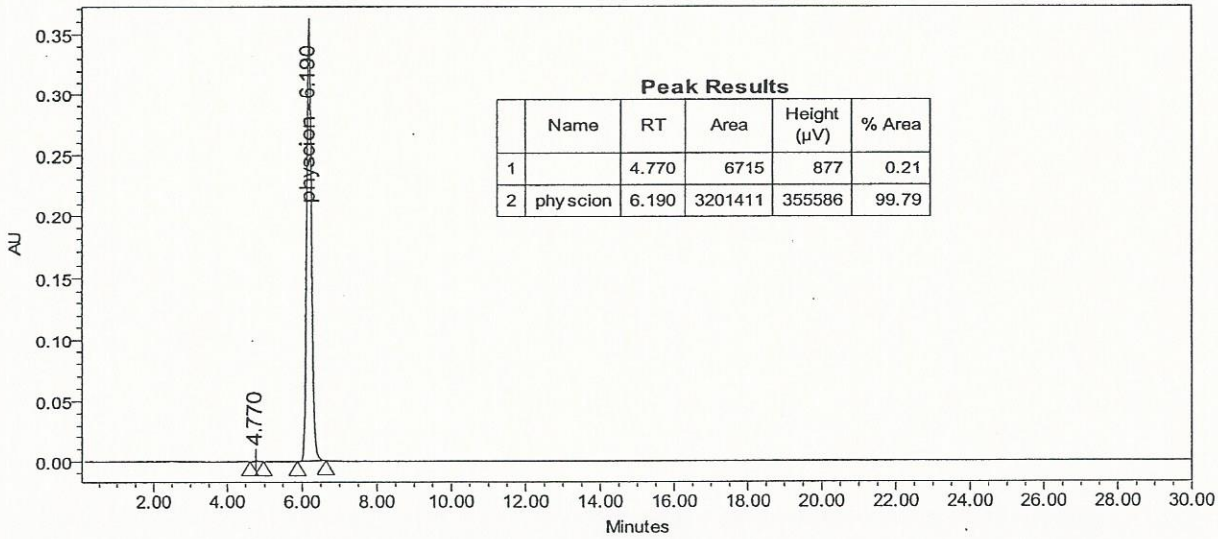
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Orange powder	Conform
Melting point	Visual	°C	206-212	207-208
Water content	KF	% w/w		< 0,2
Residual solvents	GC-HS	% w/w		0,3
Inorganics	ICP-MS	% w/w		< 0,1
Purity	HPLC	% area	≥ 99,0	99,8
Assay	**Calculated (*)**	**% w/w**		**99,5**

(*) 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 + 5% AcOH 10 / Methanol 80 / ACN 10 (v/v/v)
Detection : UV 435 nm

Temperature : 30°C
Flow rate : 1 ml/min
Injection volume : 5 µl
Injection solvent : MeOH 10 / Toluene 10



Peak Results

	Name	RT	Area	Height (µV)	% Area
1		4.770	6715	877	0.21
2	physcion	6.190	3201411	355586	99.79

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