



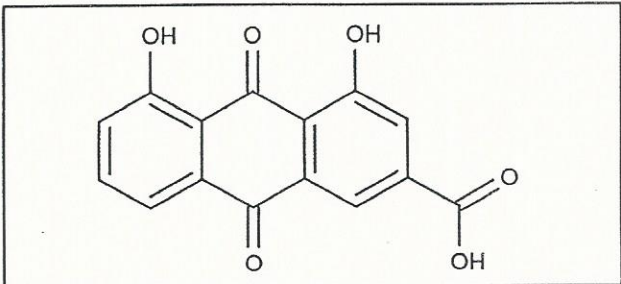
# INDOFINE Chemical Company, Inc.

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## Certificate Of Analysis

**020455S**                      **RHEIN**                      **Lot No.: 17102518**

CAS RN	478-43-3
MOL FORMULA	C <sub>15</sub> H <sub>8</sub> O <sub>6</sub>
MOL WEIGHT	284,23



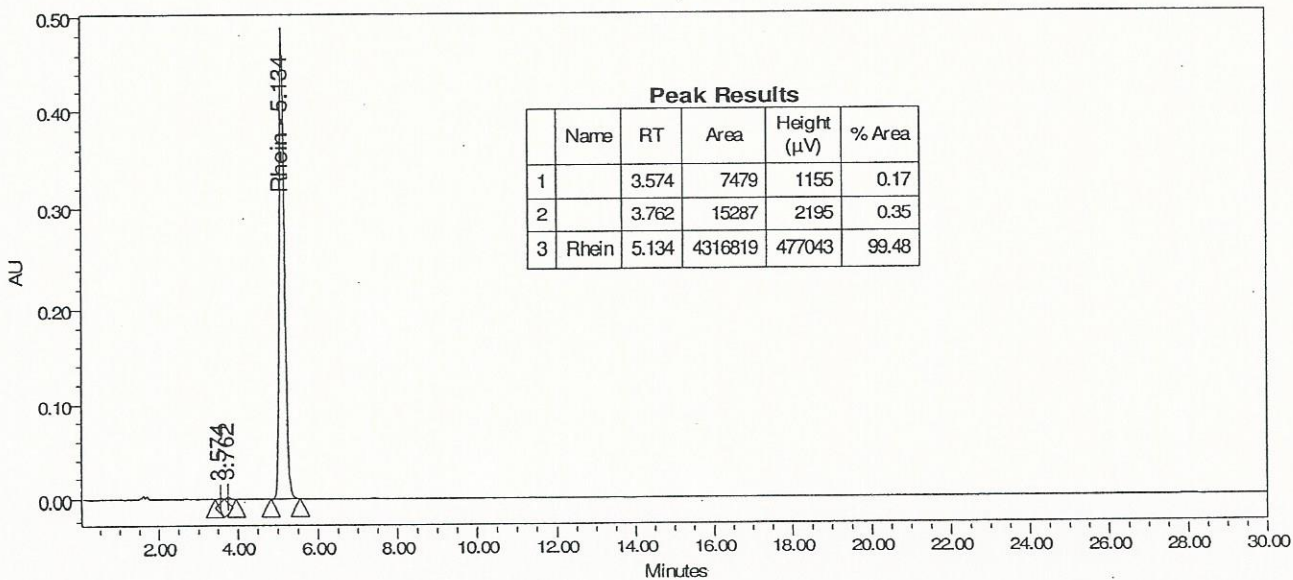
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Orange powder	Conform
Melting point	Visual	°C	325-330 dec.	327-329
Water content	KF	% w/w		0,2
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-MS	% w/w		< 0,1
Purity	HPLC	% area	≥ 99,0	99,5
Assay	Calculated (*)	% w/w		99,3

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

### CHROMATOGRAPHIC PURITY / HPLC

Column : Novapak C18 - 3,9x150 mm - 4 µm  
 Mobile phase : Water + 5% AcOH 35 / Methanol 65 (v/v)  
 Detection : UV 254 nm

Temperature : 30°C  
 Flow rate : 1 ml/min  
 Injection volume : 5 µl  
 Injection solvent : EtOH + 10% DMSO



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

TRANSPORT CONDITIONS : Ambient temperature