



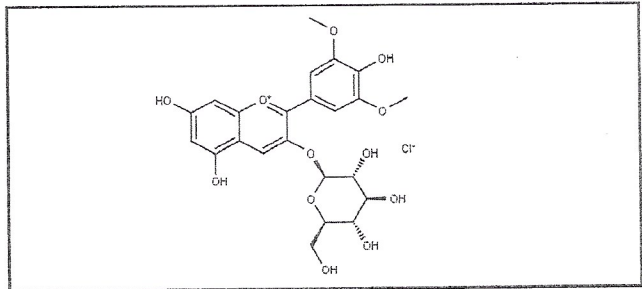
# INDOFINE Chemical Company, Inc.

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## Certificate Of Analysis

**020911S**                      **OENIN CHLORIDE**                      **Lot No.: 24032840**

CAS RN	7228-78-6
MOL FORMULA	C <sub>23</sub> H <sub>25</sub> O <sub>12</sub> Cl
MOL WEIGHT	528,87



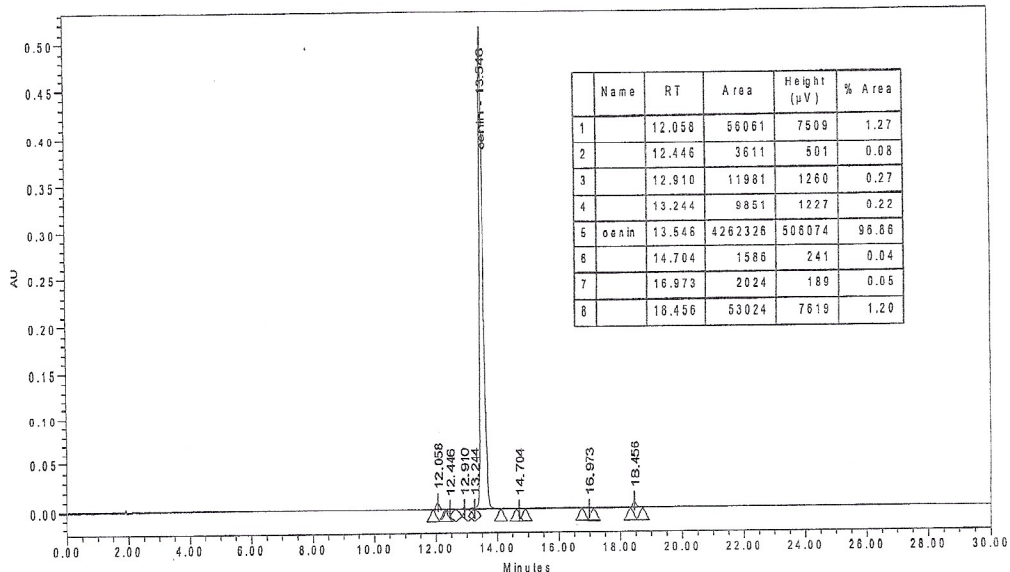
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Dark powder	Conform
Potency	UV		ε (538 nm, MeOH+0,1% HCl) = 35 000 +/- 3000	36050
Water content	KF	% w/w		4,4
Residual solvents	GC-HS	% w/w		0,6
Inorganics	ICP-MS	% w/w		0,2
Purity	HPLC	% area	≥ 95,0	96,9
Assay	Calculated (*)	% w/w		91,9

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

### CHROMATOGRAPHIC PURITY / HPLC

Column : Atlantis dC18 - 4,6x150 mm - 3 μm  
 Mobile phase : Gradient: B from 5% to 60% in 20 min then 60% to 100% in 5 min then 5 min isocratic 100%  
 A = Water + 10% HCOOH / B = MeOH  
 Detection : UV 530 nm

Temperature : 30°C  
 Flow rate : 1 ml/min  
 Injection volume : 5 μl  
 Injection solvent : MeOH + 0,1% HCl



LONG TERM STORAGE : Below -15°C in a dry and dark place