



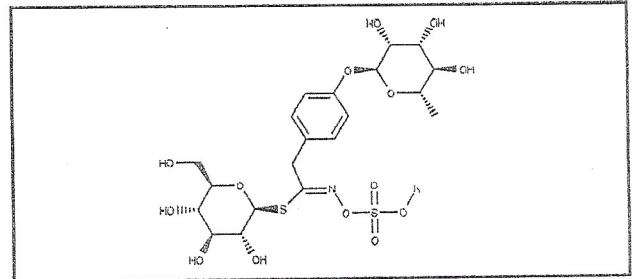
# INDOFINE Chemical Company, Inc.

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## Certificate Of Analysis

**022506S GLUCOMORINGIN POTASSIUM SALT Lot No.: 24071002**

CAS RN	316165-49-8
MOL FORMULA	C <sub>20</sub> H <sub>28</sub> NO <sub>14</sub> S <sub>2</sub> K
MOL WEIGHT	609,66



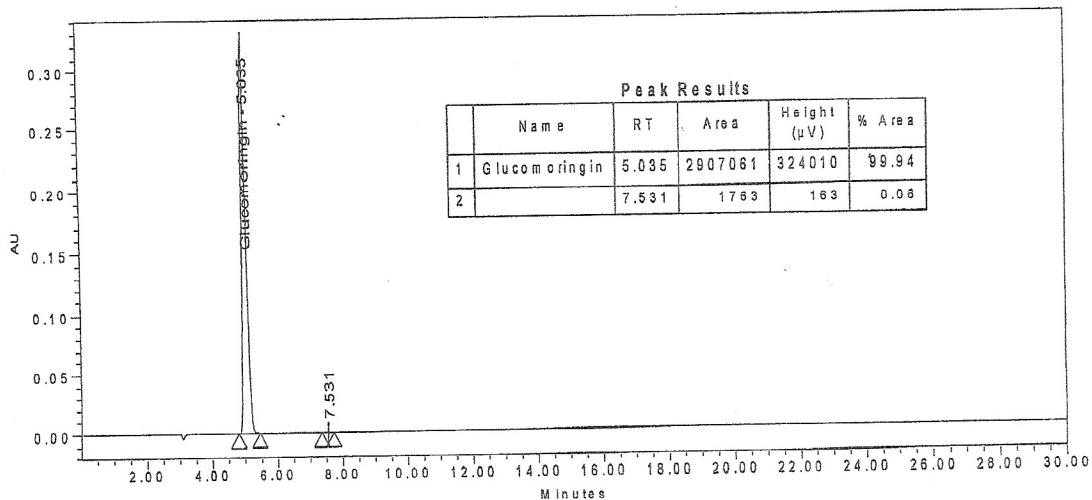
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige powder	Conform
Water content	KF	% w/w		1,4
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-AES	% w/w		< 0,1
K content	ICP-AES	% w/w		6,4
Purity	HPLC	% area	≥ 98,0	99,9
Assay	Calculated (*)	% w/w		92,1

(\*) Assay as glucosinolate anion(C<sub>20</sub>H<sub>28</sub>NO<sub>14</sub>S<sub>2</sub>) = Purity by HPLC x (100 - %water - %solvents - %inorganics)

### CHROMATOGRAPHIC PURITY / HPLC

Column : Luna Omega PS C18 - 4,6x250 mm - 5 µm  
Mobile phase : Water + 0,1% TFA 95 / Acetonitrile 5, (v/v)  
Detection : UV 230 nm

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



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