



# INDOFINE Chemical Company, Inc.

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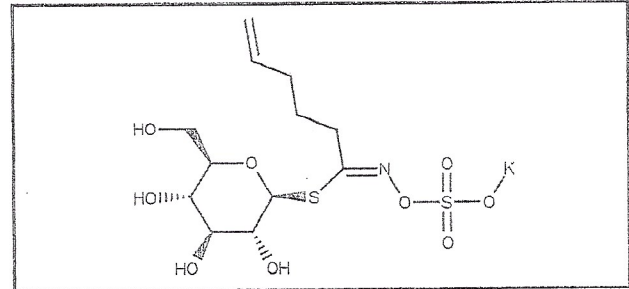
## Certificate Of Analysis

022502S

GLUCOBRASSICANAPIN POTASSIUM SALT

Lot No.: 24032905

CAS RN	245550-58-7
MOL FORMULA	C <sub>12</sub> H <sub>20</sub> NO <sub>9</sub> S <sub>2</sub> K
MOL WEIGHT	425,52



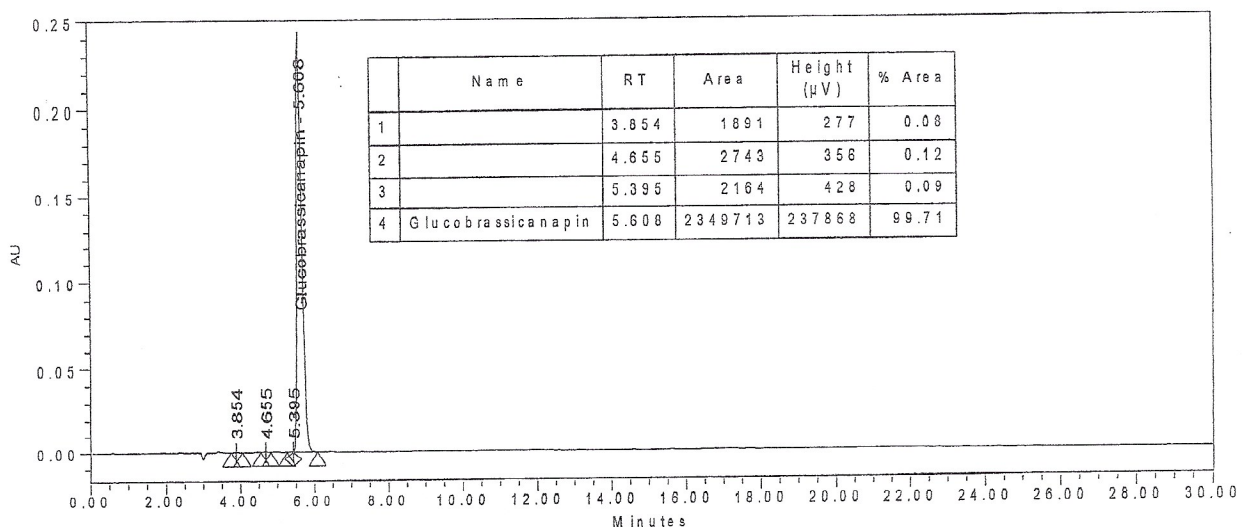
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige powder	Conform
Water content	KF	% w/w		2,2
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-AES	% w/w		< 0,1
K content	ICP-AES	% w/w		9,7
Purity	HPLC	% area	≥ 98,0	99,7
Assay	Calculated (*)	% w/w		87,8

(\*) Assay as glucosinolate anion(C<sub>12</sub>H<sub>20</sub>NO<sub>9</sub>S<sub>2</sub><sup>-</sup>) = 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