



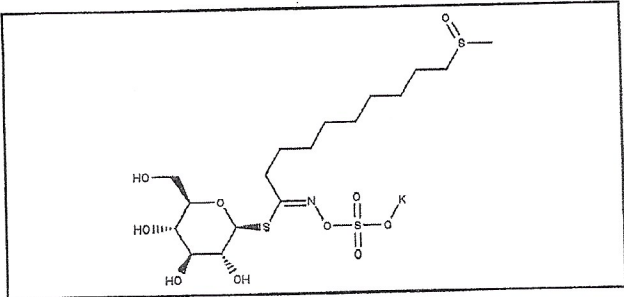
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

022516S **GLUCOARABIN POTASSIUM SALT** **Lot No.: 24092902**

CAS RN	67920-64-3 (acid form)
MOL FORMULA	C ₁₇ H ₃₂ NO ₁₀ S ₃ K
MOL WEIGHT	545,75



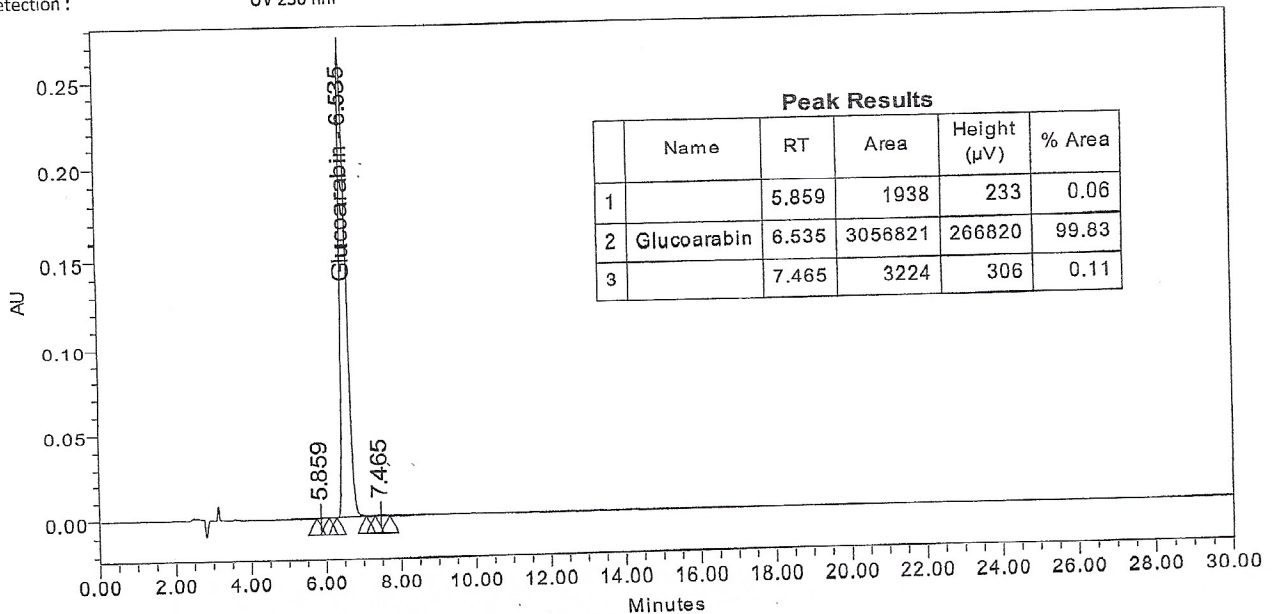
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige coloured powder	Conform
Water content	KF	% w/w		2,4
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-AES	% w/w		< 0,1
K content	ICP-AES	% w/w		7,2
Purity	HPLC	% area	≥ 98,0	99,8
Assay	Calculated (*)	% w/w		90,2

(*) Assay as glucosinolate anion (C₁₇H₃₂NO₁₀S₃⁻) = 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 85 / Acetonitrile 15 (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