



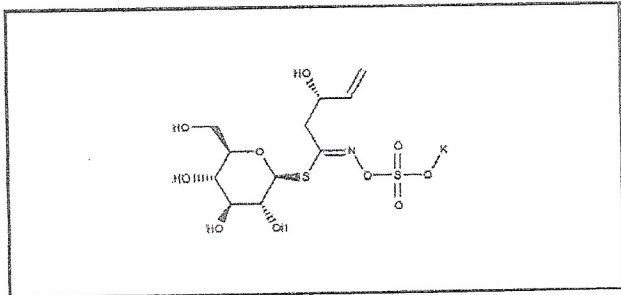
INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis

022515S PROGOITRIN POTASSIUM SALT Lot No.: 24040604

CAS RN	21087-77-4
MOL FORMULA	C ₁₁ H ₁₈ NO ₁₀ S ₂ K
MOL WEIGHT	427,49



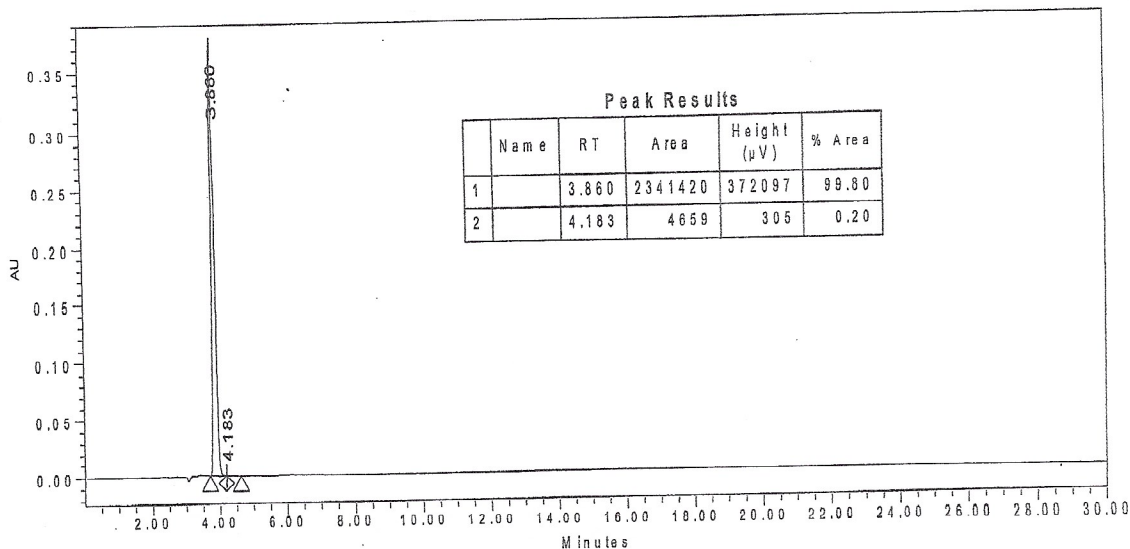
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige coloured powder	Conform
Water content	KF	% w/w		4,0
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-AES	% w/w		< 0,1
K content	ICP-AES	% w/w		9,3
Purity	HPLC	% area	≥ 98,0	99,8
Assay	Calculated (*)	% w/w		86,5

(*) Assay as glucosinolate anion(C₁₁H₁₈NO₁₀S₂⁻) = 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
 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