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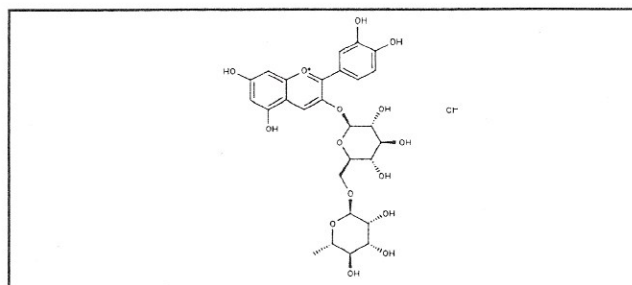
Certificate Of Analysis

020914S

KERACYANIN CHLORIDE

Lot No.: 19091731

CAS RN	18719-76-1
MOL FORMULA	C ₂₇ H ₃₁ O ₁₅ Cl
MOL WEIGHT	630,98



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Dark powder	Conform
Potency	UV		ϵ (530 nm, MeOH+0,1% HCl) = 34 000 +/- 2000	33340
Water content	KF	% w/w		5,4
Residual solvents	GC-HS	% w/w		1,8
Inorganics	ICP-MS	% w/w		0,4
Purity	HPLC	% area	$\geq 96,0$	97,3
Assay	Calculated (*)	% w/w		89,9

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

CHROMATOGRAPHIC PURITY / HPLC

Column : Atlantis dc18 - 4,6x150 mm - 3 μ m

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 :

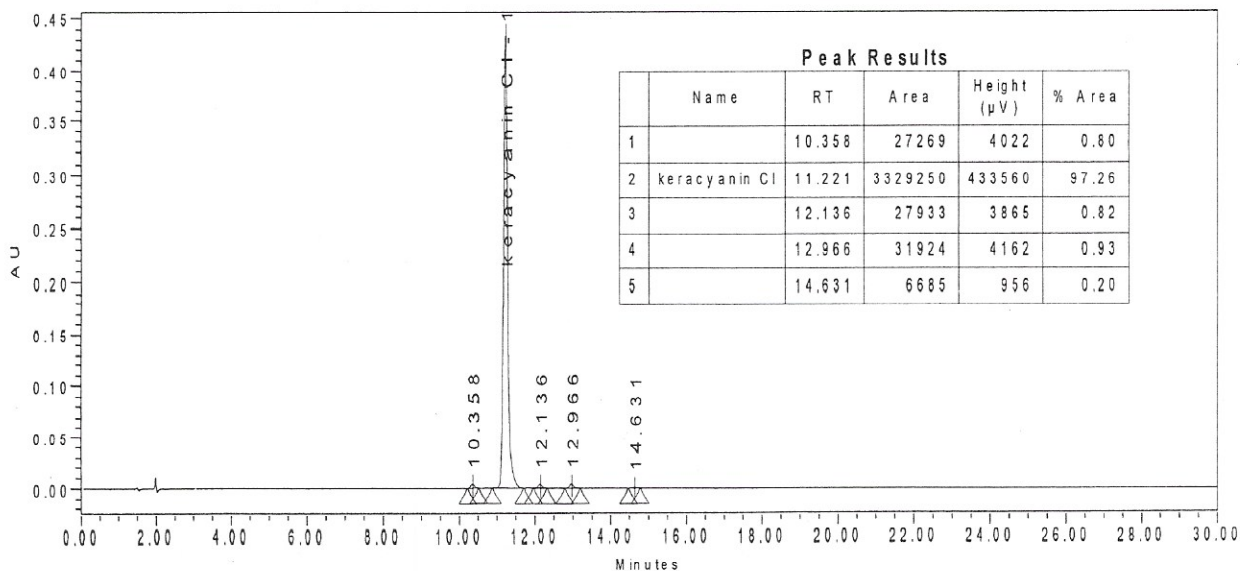
UV 520 nm

Temperature : 30°C

Flow rate : 1 ml/min

Injection volume : 5 μ l

Injection solvent : MeOH + 0,1% HCl



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