



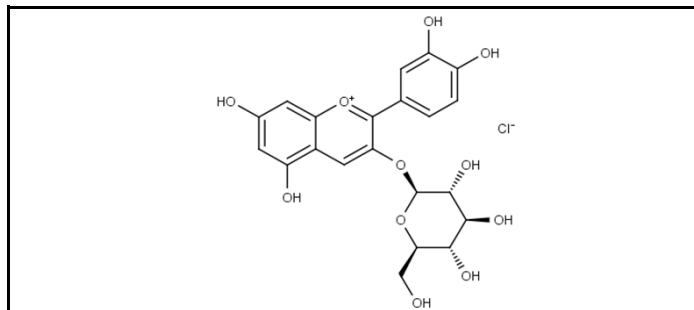
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CERTIFICATE OF ANALYSIS

SUBSTANCE :	KUROMANIN CHLORIDE	REF :	0915 S
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CAS RN	7084-24-4
MOL FORMULA	C ₂₁ H ₂₁ O ₁₁ Cl
MOL WEIGHT	484,82

BATCH#	42
DATE OF RELEASE	25 November 2015
DATE OF RETEST	November 2019



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Dark powder	Conform
Potency	UV		ϵ (529 nm, MeOH+0,1% HCl) = 34 400 +/- 2000	35 640
Water content	KF	% w/w		3,6
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-MS	% w/w		0,2
Purity	HPLC	% area	\geq 96,0	98,2
Assay	Calculated (*)	% w/w		94,4

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

CHROMATOGRAPHIC PURITY / HPLC

Column : Symmetry Shield RP18 - 4,6x150 mm - 3,5 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

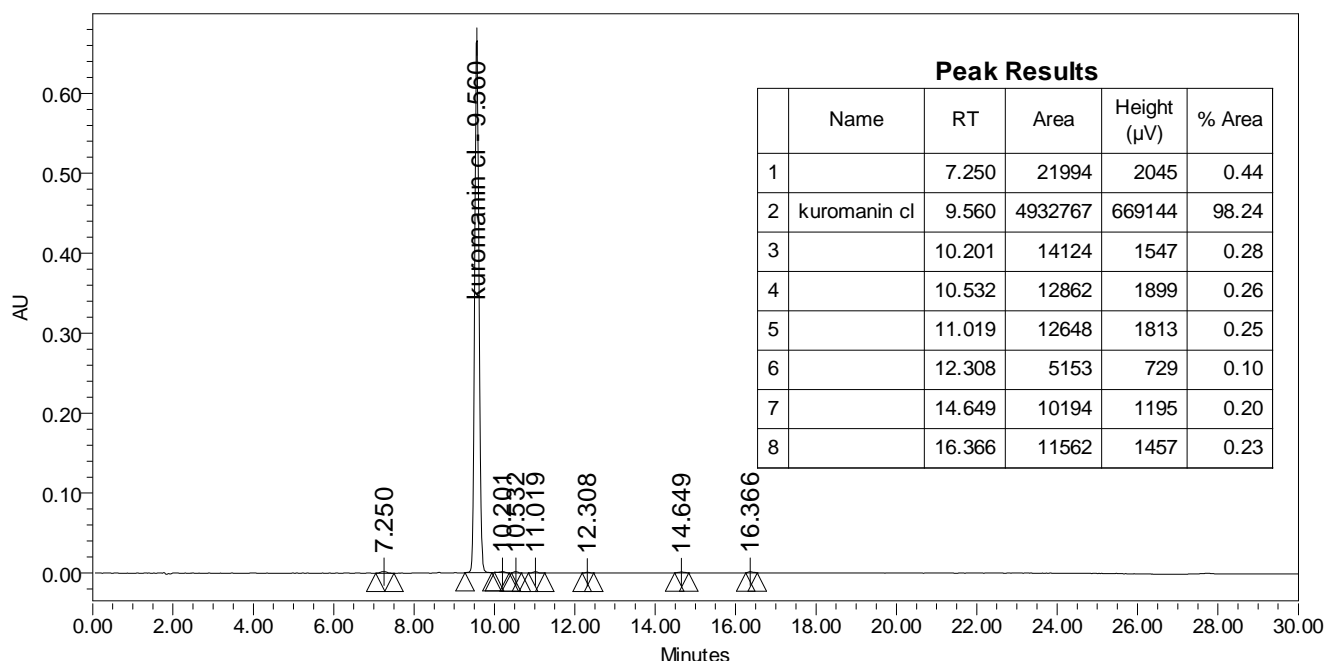
Detection : UV 520 nm

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

Signature : Sylvie Nuccio, Quality Control	Contact : qc@extrasynthese.com
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