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CERTIFICATE OF ANALYSIS

Product Name	Chelerythrine chloride
Source	From Chelidonium majus L.
Molecular Formula	C₂₁H₁₈NO₄Cl
Molecular Weight	383.8
CAS Number	3895-92-9
Lot Number	CH012

Test	Results
Appearance	Yellow powder
Solubility*	Methanol: Clear yellow solution at 5mg/ml
TLC (NP, DCM, methanol 95:5)	99%
TLC (RP C18, methanol, H ₂ O 9:1)	99%
Detection: Spray with H ₂ SO ₄ and heat	
HPLC	98.76%
Lambda max	(Ethanol) 226, 274, 319 nm
Melting point	207-209°C

*Chelerythrine chloride may be soluble in other solvents.

Expiration date: July 2016

July 2, 2013

Yosef Behrend Ph.D