

**INDOFINE Chemical Company, Inc.**

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Certificate Of Analysis**020458S****ALOIN A****Lot No.: 05082904****IDENTIFICATION**

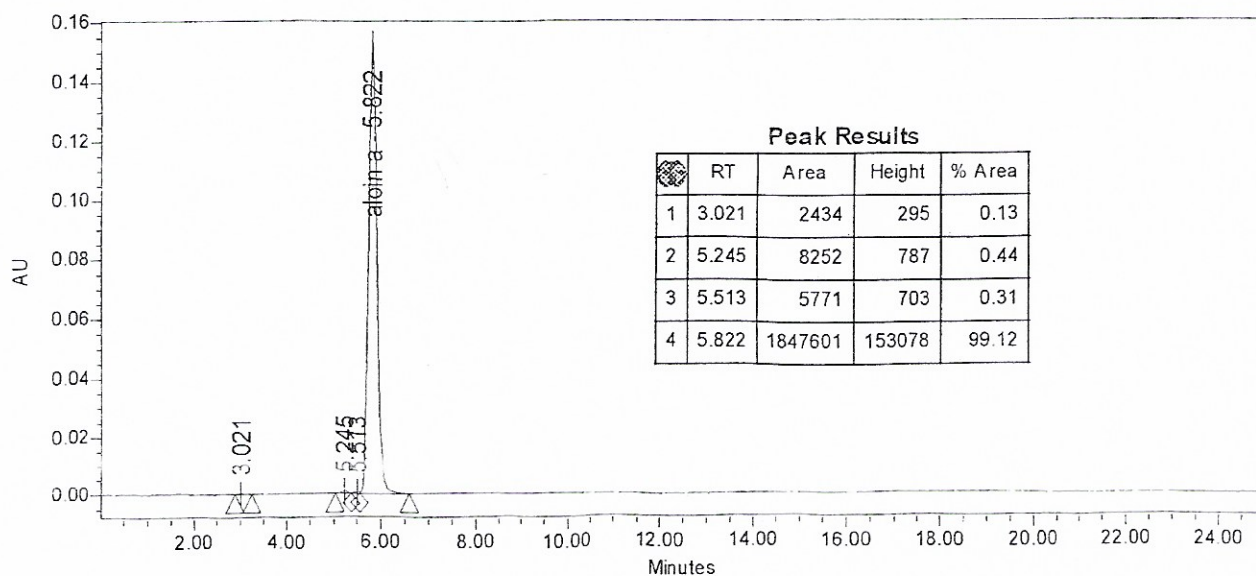
CAS number	[1415-73-2]
Chemical family	Quinones-Anthraquinones
Chemical name	10-β-D-Glucopyranosyl-1,8-dihydroxy-3-(hydroxymethyl)-9(10H)-anthracenone
Molecular formula	C ₂₁ H ₂₂ O ₉
Molecular weight	418.399

CERTIFICATE OF ANALYSIS

Appearance	Powder
Thin layer chromatography	support Silicagel
	solvent Ethyl acetate / methanol / water (100/25/10 , V/V/V)
	detection Visible
Absorption maxima	260.5, 268.5, 295, 358 nm in methanol
Moisture	2.7%
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 μm
Solvent	Water / methanol / Acetonitrile (50/40/10 , V/V/V)
Flow rate	1 ml/min
Detector	254 nm
Sample solvent	Methanol



The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.