

**INDOFINE Chemical Company, Inc.**

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**H P L C****Batch: 13****ALOE-EMODIN****020450S****IDENTIFICATION**

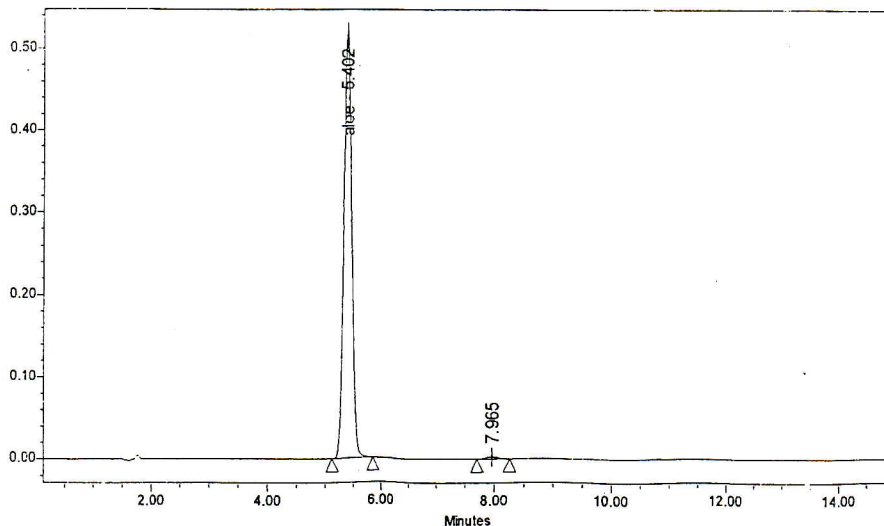
CAS number [481-72-1]  
 Chemical family Quinones-Anthraquinones  
 Chemical name 1,8-Dihydroxy-3-hydroxymethylantraquinone  
 Molecular formula C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>  
 Molecular weight 270.23

**CERTIFICATE OF ANALYSIS**

Appearance Powder  
 Melting point 224-225°C  
 Thin layer chromatography support Silicagel  
 solvent Hexane / Ethyl acetate (70/30 , V/V)  
 detection Visible  
 Moisture 1.58 %  
 Absorption maxima 254, 276.5, 286, 428 nm in methanol  
 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 (25/75 , V/V)  
 Flow rate 1 ml/min  
 Detector 430 nm  
 Capacity factor 2.09  
 Sample solvent Acetone

**Peak Results**

Name	RT	Area	Height	% Area	colonne	solvent
1 aloe	5.402	5138905	522021	99.23	ss5	25a75b
2	7.965	40101	2574	0.77	ss5	25a75b

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