



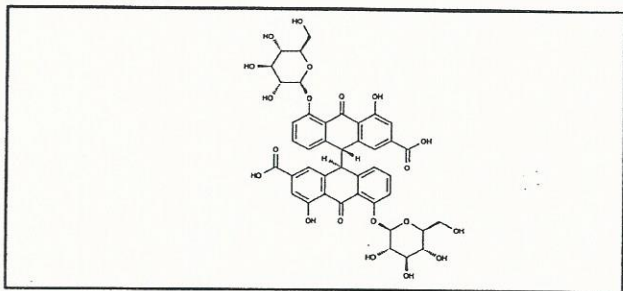
# INDOFINE Chemical Company, Inc.

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## Certificate Of Analysis

**020457S                      SENNOSIDE B                      Lot No.: 17061644**

CAS RN	128-57-4
MOL FORMULA	C <sub>42</sub> H <sub>38</sub> O <sub>20</sub>
MOL WEIGHT	862,75



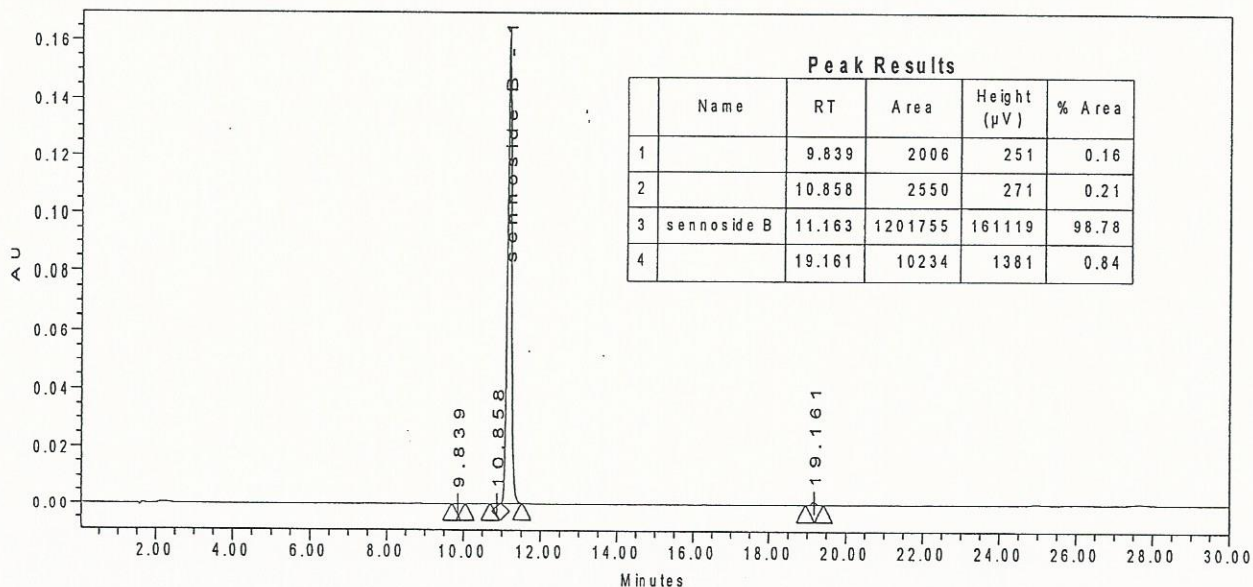
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		3,5
Residual solvents	GC-HS	% w/w		0,1
Inorganics	ICP-MS	% w/w		0,1
Purity	HPLC	% area	≥ 97,0	98,8
<b>Assay</b>	<b>Calculated (*)</b>	<b>% w/w</b>		<b>95,1</b>

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

### CHROMATOGRAPHIC PURITY / HPLC

Column : Novapak C18 - 3,9x150 mm - 4 μm  
 Mobile phase : Gradient: A from 95% to 75% in 15 min, then 75% to 50% in 10 min. (v/v)  
 A = Water + 5% AcOH                      B = ACN  
 Detection : UV 360 nm

Temperature : 30°C  
 Flow rate : 1 ml/min  
 Injection volume : 5 μl  
 Injection solvent : Acetone 70 : Water 30



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

CAUTION : Unstable in solution