



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

Catalog Number: 020976S

Product Name: **(+)-CATECHIN**  
(Catechin; Cianidanol; Dexcyanidanol; Cianidol; Catergen;  
Drenoliver; Biocatechin, Tanningenic acid; Cyanidol)

CAS Number: [154-23-4]

Lot Number: 1704793

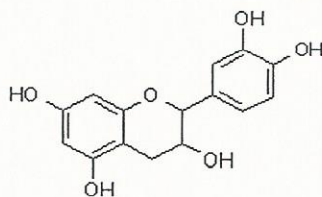
Chemical Formula: C<sub>15</sub>H<sub>14</sub>O<sub>6</sub>

Molecular Weight: 290.28

Appearance: Beige powder

Storage: Store in a cool, dry place. Protect from light.  
Store at 2-8°C

Purity(HPLC): 98.22%





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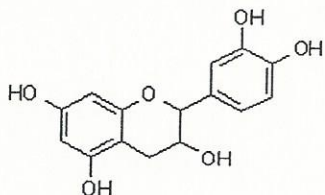
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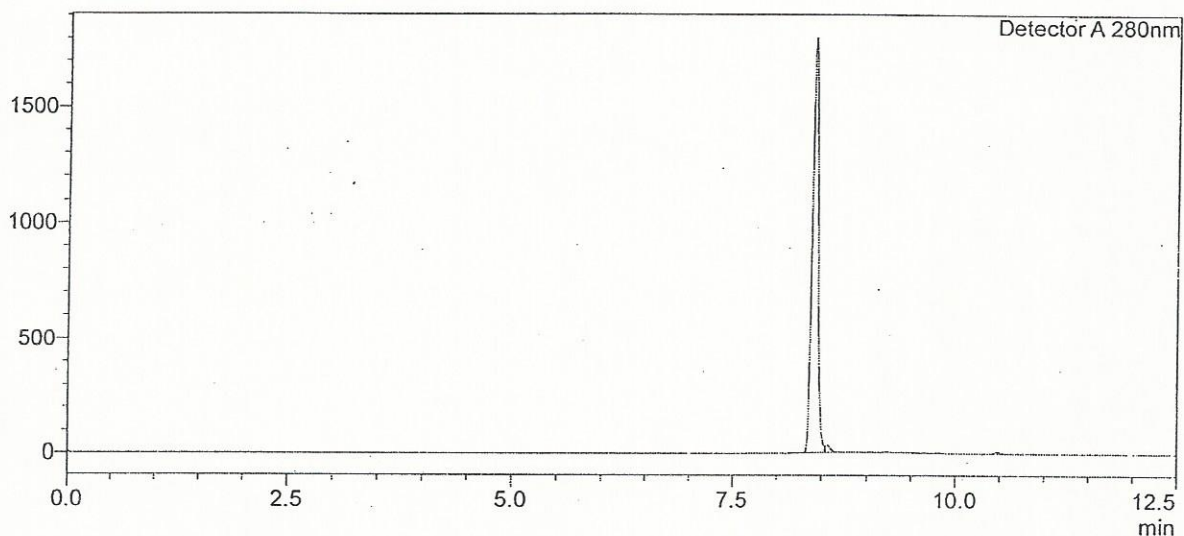
## HPLC ANALYSIS



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### <Peak Table>

Detector A 280nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Area%
1	8.209	12030	2840	0.139		0.139
2	8.410	8491994	1803264	98.223		98.223
3	8.564	105429	28865	1.219		1.219
4	10.481	36166	7368	0.418		0.418
Total		8645619	1842337			100.000

### <Analysis condition>

InertSustain-C18 column (5  $\mu$ m, 4.6 $\times$ 250 mm)

5% $\rightarrow$ 100% Acetonitrile in 0.05% Phosphoric acid H<sub>2</sub>O

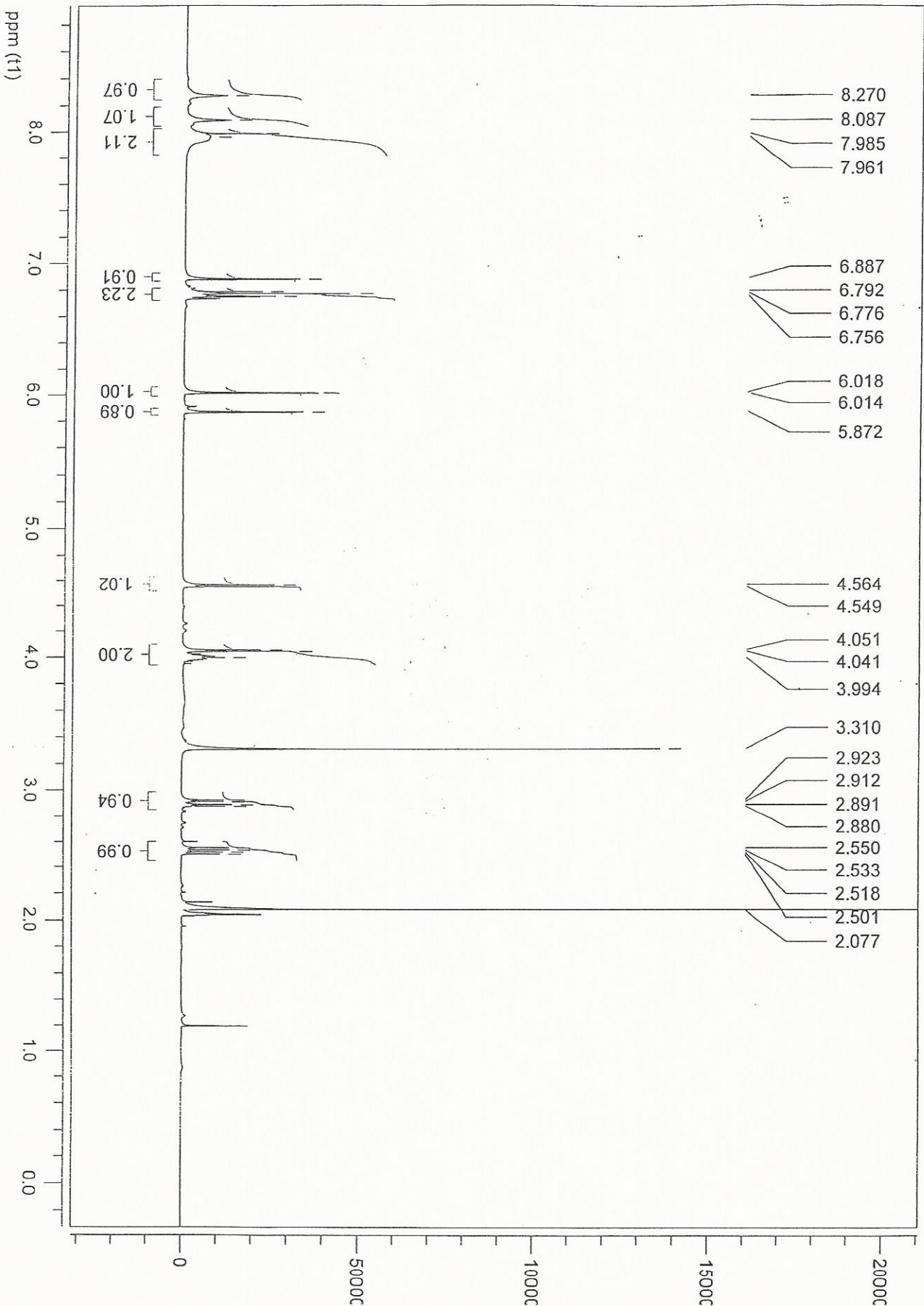
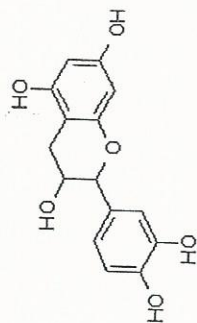
over 10.0min followed by 100% Acetonitrile to 13 min

1.0 ml/min, 35 $^{\circ}$ C

*Note: Whenever possible, you should prepare and use solutions on the same day.*



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