

**ICG** **INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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**CERTIFICATE OF ANALYSIS**

Catalog Number: 06-770

Product Name: **KAEMPFERIN**  
(Afzelin; Afzeloside; Kaempferol-3-rhamnoside)

CAS Number: [482-39-3]

Lot Number: 2205673

Chemical Formula: C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>

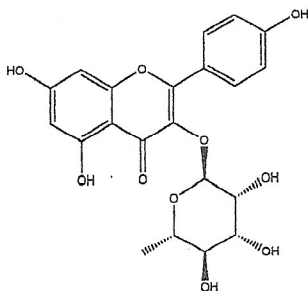
Molecular Weight: 432.38

Appearance: Yellow powder

Water Content: 0.6%

Storage: Store at 2-8°C. Protect from light.

Purity(HPLC): 99.4%



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



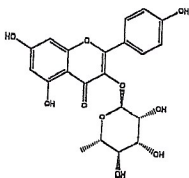
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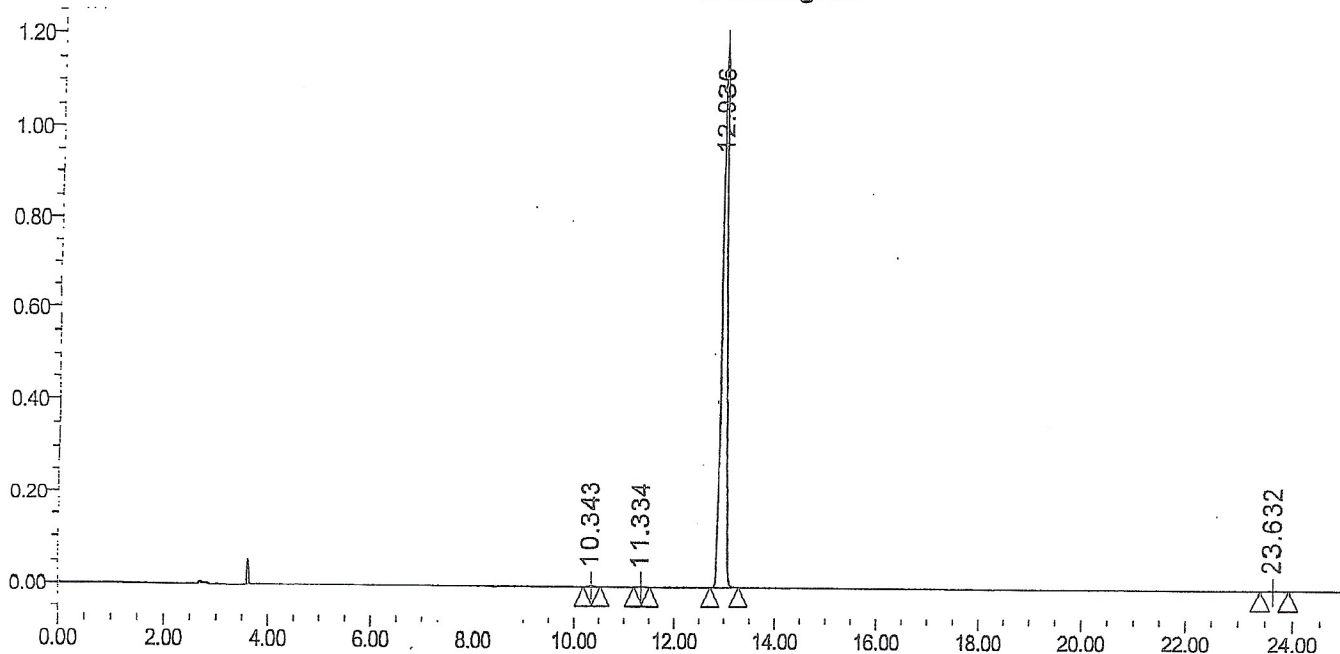
## HPLC ANALYSIS

Catalog No.: 06-770  
Product Name: Kaempferin (Afzelin)  
Lot No.: 2205673

### SAMPLE INFORMATION

Sample Name:	Afzelin	Acquired By:	
Sample Type:	Control	Sample Set Name:	
Vial:	44	Acq. Method Set:	Afzelin
Injection #:	1	Processing Method:	sample
Injection Volume:	20.00 ul	Channel Name:	PDA Ch1 265nm@4.8nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 265nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (µV)	USP Plate Count	USP Resolution
1		10.343	21415	0.26	3260	55979.74	
2		11.334	9037	0.11	1177	44028.85	4.83
3		12.936	8205580	99.44	1196463	82160.50	7.68
4		23.632	15717	0.19	1218	76361.71	39.41