

CERTIFICATE OF ANALYSIS

Catalog Number: 026021

Product Name: **4-DIMETHYLAMINOCINNAMALDEHYDE**

CAS Number: [6203-18-5]

Lot Number: 1911355

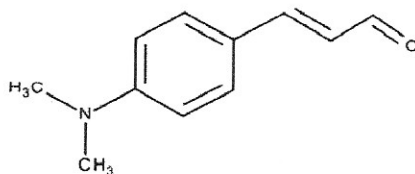
Chemical Formula: C₁₁H₁₃NO

Molecular Weight: 175.23

Appearance: Dark orange powder

Storage: Store in a cool, dry and dark place

Purity(HPLC): 98.54%



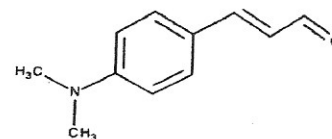
Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

HPLC ANALYSIS

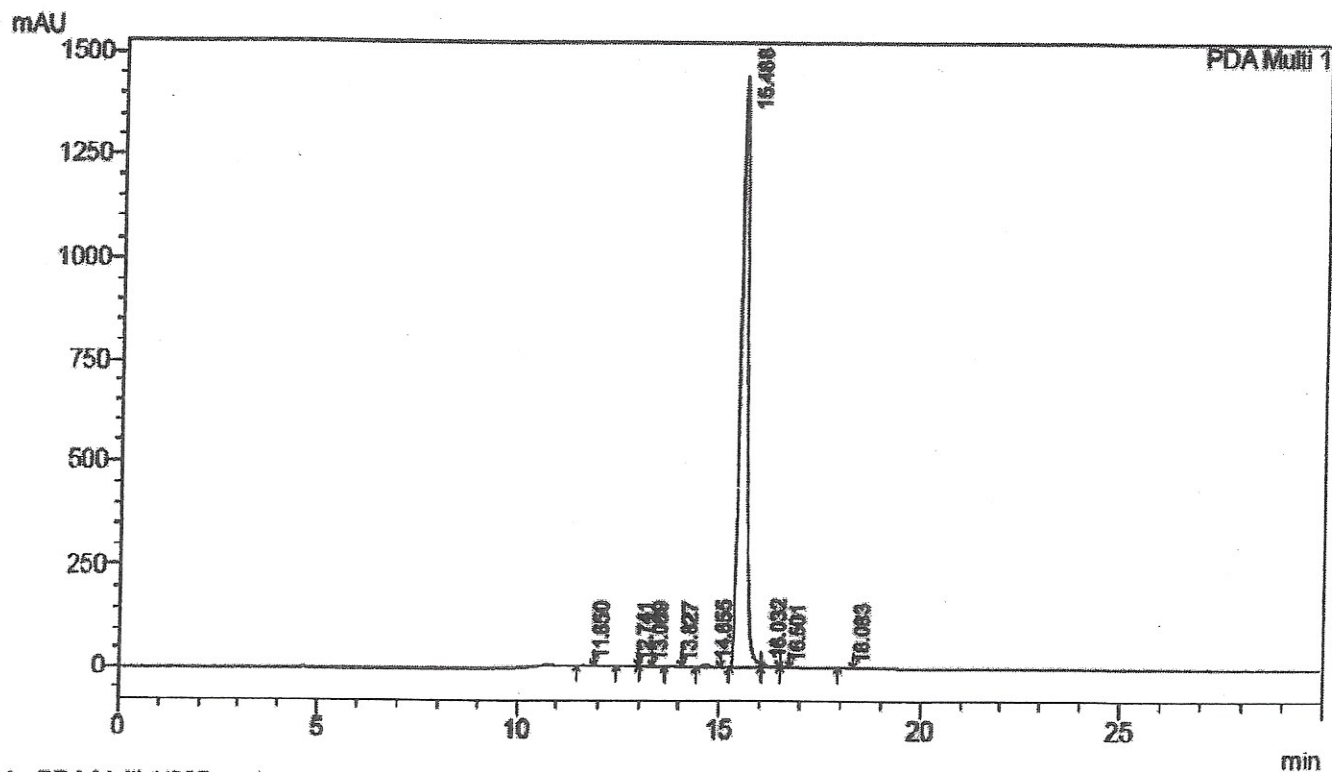
Acquired by : Sanjeev
 Sample Name : CRL-TCA-5
 Sample ID :
 Vial # : 7
 Injection Volume : 20 µL
 Data File Name : 09112019134.lcd
 Method File Name : General Method.lcm

Catalog No.: 026021
 Product Name: 4-Dimethylaminocinnamaldehyde
 Lot No.: 1911355



Column: Inertsil ODS-3V: 250mm x 4.6mm, 5.0µm
 MP-A: Acetonitrile, MP-B: 0.05% TFA in water
 Flow Rate: 1.0 ml/min,
 Gradient program : 0.01/10, 12/90, 20/90, 23/10, 30/10 (% of A Conc)
 Diluent: Methanol (0.5mg/ml in diluent)

<Chromatogram>



1 PDA Multi 1/265nm 4nm

Peak Table

PDA Ch1 265nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.650	11.650	8423	0.05	0.752
2	RT:12.741	12.741	16317	0.09	0.823
3	RT:13.089	13.089	3057	0.02	0.845
4	RT:13.827	13.827	23538	0.13	0.893
5	RT:14.655	14.655	103293	0.56	0.946
6	RT:15.488	15.488	18124995	98.54	1.000
7	RT:16.032	16.032	97994	0.53	1.035
8	RT:16.501	16.501	1256	0.01	1.065
9	RT:18.083	18.083	14416	0.08	1.168
Total			18393289	100.00	