



**Govt. Approved Test House**

**CERTIFICATE OF ANALYSIS**

Test Report No. 202003160228

Dated 16/03/2020

Issued to : DURGA TRADING COMPANY  
6018 1st floor, gali ary samaj na ya bans khari baoli Delhi  
DELHI 110006

Customer Ref. No : NS, DATE : 13/03/2020

Sample Name : DEEPAK BRAND SAFFRON

Manufactured By : DURGA TRADING COMPANY

Supplied By : NS

Batch No. : GF7

Manufacturing Date : 02/2020

Expiry Date : 11/2021

Mfg lic. No : FSSAI 13319001000484

Purchase Order No. : NS

Sample Quantity : 1 gm

Batch Size : 1 Kg

Sample Condition : Sealed

Date of Sample Receipt : 16/03/2020

Date of Analysis Started : 19/03/2020

Date of Analysis Completed : 21/03/2020

Reference to protocol : FSSR-2011

Sample Drawn by : Sample not drawn by laboratory.



*Deepak*  
DEEPAK KUMAR PANT  
SENIOR ANALYST. -



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Dated 16/03/2020

ULR - TC737520100010744F

Sr.No.	Parameters	Unit	Test Result	Requirements	LOD/LLOQ	Method
1	Appearance .	•	Dark red colour saffron filaments free from foreign odour and mustiness, mould, living and dead insects fragments, rodent contamination and added colouring matter.	It shall be dark red in colour with a slightly bitter and pungent flavour, free from foreign odour and mustiness. It shall be free from mould, living and dead insects, insect fragments, rodent contamination. The product shall be free from added colouring matter.	-	
2	Colour .		Dark red.	It shall be dark red in colour	-	VISUAL
3	Taste & Flavour		Slightly bitter and pungent flavour	Slightly bitter & pungent flavour.	-	Organoleptic
4	Odour		Free from foreign odour and mustiness.	free from foreign odour & mustiness.	-	Organoleptic
5	Mould and dead insect		Absent.	Should be Absent.	-	Visual
6	Living insect		Absent.	Should be Absent.	-	Visual
7	Rodent contamination (hair & excreta)		Absent.	Should be Absent.	-	BY VISUAL
8	Bitterness expr. as direct reading of absorbance of picrocrocin at about 257nm (on dry basis)	% w/w	95.64	Min. 30.0	-	IS 5453 (PART-2), CLAUSE - 13
9	Safranal expr.as direct reading of absorbance at 330 nm (on dry basis)	% w/w	33.19	20.0 - 50.0	-	IS 5453 (PART-2),CLAUSE -13



TC-7375

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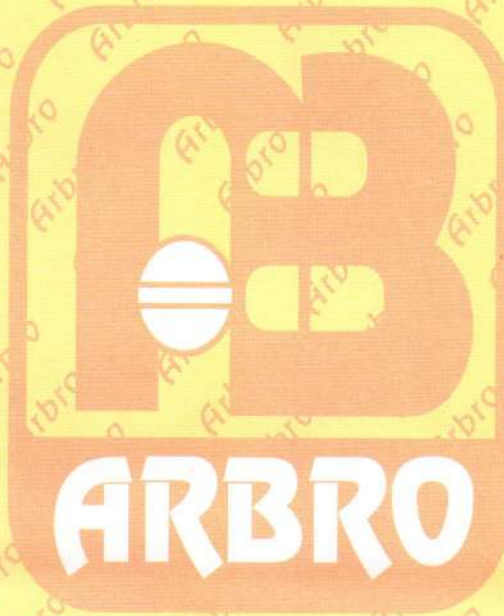
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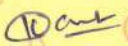
Dated 16/03/2020

ULR - TC737520100010744F

Sr.No.	Parameters	Unit	Test Result	Requirements	LOD/LLOQ	Method
10	Colouring strength expressed as direct reading of absorbance of crocine at 440 nm (on dried basis)	% w/w	130.68	Min. 80.0	-	IS 5453 (PART-2), CLAUSE - 13



Report : Sample submitted conforms to FSSR-2011 specification for the above tested parameters.

  
 Authorized Signatory  
 Chemical  
 Saturday, Mar 21, 2020

DEEPAK KUMAR PANT  
 SENIOR ANALYST.