



Govt. Approved Test House

CERTIFICATE OF ANALYSIS



Test Report No. 202003160227

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 : GOPAL BRAND SAFFRON

Manufactured By : DURGA TRADING COMPANY

Supplied By : NS

Batch No. : GF7

Manufacturing Date : 02/2020

Expiry Date : 10/2021

Mfg lic. No : FSSAI 13319001000484

Purchase Order No. : NS

Sample Quantity : 5 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.



Dam

DEEPAK KUMAR PANI
SENIOR ANALYST



ARBRO™

PHARMACEUTICALS PRIVATE LIMITED
(ANALYTICAL DIVISION)

ISO 9001 : 2015 Certified

Govt. Approved Test House

CERTIFICATE OF ANALYSIS



TC-7375



Test Report No. 202003160227

Dated 16/03/2020

ULR - TC737520100010745F

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	98.89	Min. 30.0	-	(S 5453 (PART-2), CLAUSE - 13
9	Safranal expr.as direct reading of absorbance at 330 nm (on dry basis)	% w/w	52.82	20.0 - 50.0	-	IS 5453 (PART-2), CLAUSE -13

Authorized Signatory
Chemical
Saturday, Mar 21, 2020

DEEPAK KUMAR PANT
SENIOR ANALYST



ARBRO™

PHARMACEUTICALS PRIVATE LIMITED
(ANALYTICAL DIVISION)

ISO 9001 : 2015 Certified

Govt. Approved Test House

CERTIFICATE OF ANALYSIS



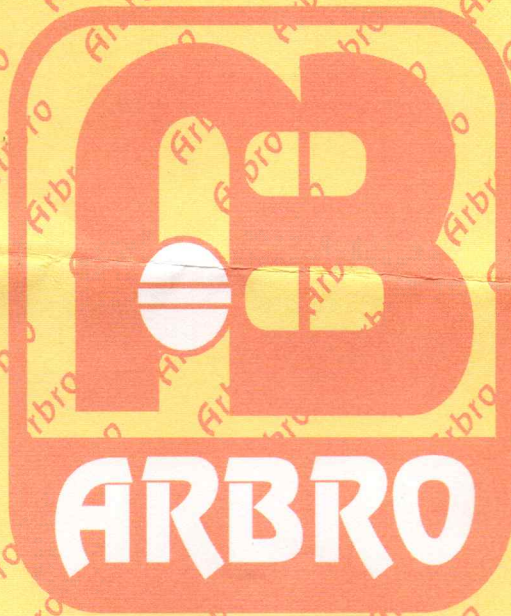
Test Report No. 202003160227

Dated 16/03/2020

ULR - TC737520100010745F



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	176.57	Min. 80.0	-	IS 5453 (PART-2), CLAUSE - 13



The above sample does not comply w.r.t. Safranal expr.as direct reading of absorbance at 330 nm

Report : PARTY ASKED FOR THE ABOVE TESTS ONLY

Authorized Signatory

Chemical

Saturday, Mar 21, 2020

DEEPAK KUMAR PANT
SENIOR ANALYST