



# ARBRO™

PHARMACEUTICALS PRIVATE LIMITED  
(ANALYTICAL DIVISION)

ISO 9001 : 2015 Certified

**Govt. Approved Test House**

CERTIFICATE OF ANALYSIS



TC-7375

Test Report No. 201911130173

Dated 13/11/2019



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

Customer Ref. No : NS, DATE : 09/11/19

Sample Name : DEEPAK SAFFRON

Manufactured By : DURGA TRADING COMPANY

Supplied By : DURGA TRADING COMPANY

Batch No. : GF7

Manufacturing Date : 11/2019

Expiry Date : 10/2021

Mfg lic. No : 13319001000484

Purchase Order No. : NS

Sample Quantity : 1 gm

Batch Size : 500 gm

Sample Condition : Sealed

Date of Sample Receipt : 13/11/2019

Date of Analysis Started : 18/11/2019

Date of Analysis Completed : 20/11/2019

Reference to protocol : FSSR-2011

Sample Drawn by : Sample not drawn by laboratory.

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,insect 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.	-	Visual

Authorized Signatory

Wednesday, Nov 20, 2019

ULR - TC737519100034930F

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Dated 13/11/2019



Sr.No.	Parameters	Unit	Test Result	Requirements	LOD/LLOQ	Method
2	Colour .		Dark red.	It shall be dark red in colour	-	VISUAL
3	Taste & Flavour		Slightly bitter & pungent flavour	Slightly bitter & pungent flavour.	-	Organoleptic
4	Odour		Free from foreign odour & 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 picrocrocine at about 257nm (on dry basis)	% w/w	104.45	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	40.16	20.0 - 50.0	-	IS 5453 (PART-2),CLAUSE -13
10	Colouring strength expressed as direct reading of absorbance of crocine at 440 nm (on dried basis)	% w/w	227.43	Min. 80.0	-	IS 5453 (PART-2), CLAUSE - 13

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

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Wednesday, Nov 20, 2019

ULR - TC737519100034930F

Unit 1 : 4/9, Kirti Nagar Industrial Area, New Delhi-15, INDIA. Tele : +91-11-45754575, Fax : +91-11-45854500

Email : arbrolab@arbropharma.com, Website : www.arbropharmaindia.com

\*Terms &amp; Conditions Overleaf

**DEEPAK KUMAR PANT**  
SENIOR ANALYST •



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CERTIFICATE OF ANALYSIS



Test Report No. 201911130174

Dated 13/11/2019



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

Customer Ref. No : NS, DATE : 09/11/19

Sample Name : GOPAL SAFFRON

Manufactured By : DURGA TRADING COMPANY

Supplied By : DURGA TRADING COMPANY

Batch No. : GF7

Manufacturing Date : 11/2019

Expiry Date : 10/2021

Mfg lic. No : 13319001000484

Purchase Order No. : NS

Sample Quantity : 5 gm

Batch Size : 500 gm

Sample Condition : Sealed

Date of Sample Receipt : 13/11/2019

Date of Analysis Started : 18/11/2019

Date of Analysis Completed : 20/11/2019

Reference to protocol : FSSR-2011

Sample Drawn by : Sample not drawn by laboratory.

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,insect 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.	-	Visual

**Authorized Signatory**

Wednesday, Nov 20, 2019

ULR - TC737519100034931F


**Govt. Approved Test House**

CERTIFICATE OF ANALYSIS

Test Report No. 201911130174

Dated 13/11/2019




Sr.No.	Parameters	Unit	Test Result	Requirements	LOD/LLOQ	Method
2	Colour .		Dark red	It shall be dark red in colour	-	VISUAL
3	Taste & Flavour		Slightly bitter & pungent flavour	Slightly bitter & pungent flavour.	-	Organoleptic
4	Odour		Free from foreign odour & 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 picrocrocine at about 257nm (on dry basis)	% w/w	101.44	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	38.65	20.0 - 50.0	-	IS 5453 (PART-2),CLAUSE -13
10	Colouring strength expressed as direct reading of absorbance of crocine at 440 nm (on dried basis)	% w/w	217.36	Min. 80.0	-	IS 5453 (PART-2), CLAUSE - 13


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

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