

**ARBRO™**PHARMACEUTICALS PRIVATE LIMITED  
(ANALYTICAL DIVISION)

ISO 9001 : 2008 Certified

**Govt. Approved Test House** Report No. :

: 201610260012

## CERTIFICATE OF ANALYSIS

Sample : DEEPAK BRAND SAFFRON  
 Mfgd. By : NS  
 Supplied By : NS  
 Submitted By : DURGA TRADING COMPANY  
 Address : 6018, 1st. Floor, Gali Arya Samaj, Naya Bans, Khari Baoli, Delhi -110006

Received On : 26/10/2016  
 Mfg lic. No. : NS  
 Ref. No. : NS

Batch No	Mfg. Date	Expiry Date	Batch Size	Sample Quantity
H39	10/2016	10/2018	NS	12 X 1 gm

Date of start of analysis 26/10/2016

Date of completion of analysis 04/11/2016

Reference to protocol :- FSSR-2011

Appearance :- Dark Red in colour free from foreign odour and mustiness, mould, Living and dead insects, Insect fragments, rodent contamination, added colouring matter.

Living insect :- Absent

<Parameters>	<Results>	<Req.>	<LLOQ>	<Method>
Foreign starch	:- Absent	NS	-	Visual
* Mould and dead insect	:- Absent	Absent.	-	
* Moisture and volatile matter at 103+/-°C	:- 10.50 % w/w	Max. 12.0 %w/w	-	IS:1797:1985, R.A. 2009
Total Ash, (On dried Basis)	:- 5.54 % w/w	Max. 8.0	-	IS:1797:1985, RA 2009
*Solubility in cold water (On dried Basis)	:- 55.10 % w/w	Max. 65.0 %w/w	-	IS:1797:1985, R.A. 2009
*Bitterness expr. as direct reading of absorbance of picrocrocin at about 257nm (on dry basis)	:- 66.05	Min. 30.0	-	IS 5453 (PART-2), CLAUSE - 13
*Sarranai expr.as direct reading of absorbance at 330 nm (on dry basis)	:- 31.42	20.0 - 50.0	-	IS 5453 (PART-2),CLAUSE E -13
* Colouring strength expressed as direct reading of absorbance of crocine at 440 nm (on dried basis),%w/w	:- 181.74	Min. 80.0	-	IS 5453 (PART-2), CLAUSE - 13
* Nitrogen content (On dried Basis)	:- 1.63 % w/w	Max. 2.0 %w/w	-	IS:7219:1973
Crude fibre, (On dried Basis)	:- 1.50 % w/w	Max. 6.0 %w/w	-	IS:1797:1985, R.A. 2009
* SYNTHETIC COLOURS (BY HPLC):				
Riboflavin	:- Absent		-	

T-0574 - Chemical  
T-0575 - Biological  
T-1180 - Mechanical