

CERTIFICATE OF ANALYSIS

Product Name: Vetra-X	Batch No. : VET-01-X003	A.R. No.: WAF/13-14/0850	
Dosage Form : Powder	Batch Qty : 1000.0 kg	Receiving Date: 01.05.2014	
Date of Mfg. : May 2014	Pack size : 25 kg bag	Testing Date: 02.05.2014	
Date of Exp. : Apr 2017	Country of origin: INDIA	Sample Quantity: 250 gram	
TEST	SPECIFICATION	RESULT	STD. TEST PROCEDURE
Physical Parameters			
Description	Brownish colour dry powder having characteristic herbaceous odour	Complies	Visual & Organoleptic Examination
Solubility	Partly soluble in <i>water</i> , slightly soluble in <i>ethanol</i> (96%)	Complies	ST/WAF/065
Identification	Rf of TLC chromatogram shall match to the standard spots	Complies	ST/WAF/088
Sieve Analysis	NLT 97% material shall pass through 40 mesh	98.07%	As per I.P.
Loss on drying	Not more than 7.0% w/w	5.54% w/w	As per I.P.
Total Ash	Not more than 18.0% w/w	17.15% w/w	As per I.P.
pH of 10% aq. Solution	5.0 ± 1.5	5.7	As per I.P.
Chemical Parameters			
Water Soluble Extractives	Not less than 20.0% w/w	20.44% w/w	As per A.P.I.
Alcohol Soluble Extractives	Not less than 8.0% w/w	10.54% w/w	As per Ayurvedic Pharmacopoeia of India
Assay as Dried Substance			
Total Tanin contents	Not less than 1.5 % w/w	1.77% w/w	ST/WAF/054
Impurities			
Microbial			
Total bacterial count	Not more than 5000 CFU/g	1054 CFU/g	As per I.P.
Yeast & Mould	Not more than 500 CFU/g	<144 CFU/g	As per I.P.
<i>E. coli</i>	Absent/ g	Absent/ g	As per I.P.
<i>Salmonella</i>	Absent/ g	Absent/ g	As per I.P.
<i>S. aureus</i>	Absent/ g	Absent/ g	As per I.P.
Heavy Metals			
Lead	Not more than 10 ppm	0.07 ppm	USP 35, NF 30
Arsenic	Not more than 3 ppm	0.004 ppm	USP 35, NF 30
Mercury	Not more than 1 ppm	Not Detected	USP 35, NF 30
Cadmium	Not more than 0.3 ppm	Not Detected	USP 35, NF 30
Remarks: Based on the analysis results, the sample conforms / doesn't conforms to the I.P./B.P./U.S.P./E.P./I.H. Std.			
Result: Released			
Remarks: Since it is an herbal product; there is likely to be minor color variation from batch to batch, because of the seasonal variation of raw materials, though color change would not affect the quality or efficacy of product.			
Prepared By Amit Kumar (Executive QC)		Approved By Himanshu Walia (Head QA/QC)	

