



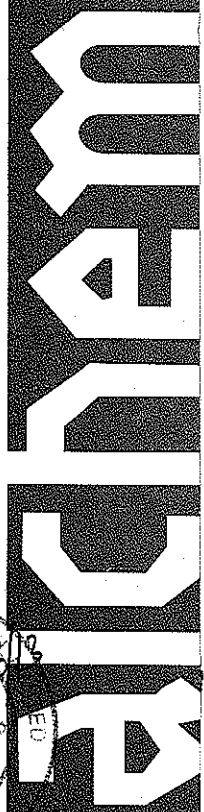
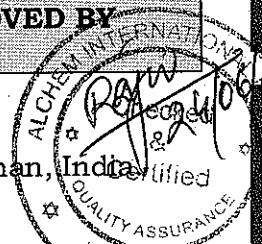
PRODUCT SPECIFICATION

UNIT ISSUING: QUALITY CONTROL

FINISHED PRODUCT DE GLYCYRRHIZINATED LICORICE		
Document number: SPEC :1161.01/Y-Rev.00	Eff. Date : 24/06/2013 Page No. : 1/2	Supersedes: NA Date : NA
TEST	REQUIREMENT/LIMIT	TEST METHOD REFERENCE
MATERIAL FORM	Powder.	Visual.
COLOR	Light brown to yellowish brown colored powder.	Visual.
ODOUR	Characteristic	Characteristic
PARTICLE SIZE		All tests as per STM: 1161.01/Y-Rev.00
20 Mesh	90.0% to 100.0%	
60 Mesh	60.0% to 100.0%	
140 Mesh	37.0% to 100.0%	
BOTANICAL NAME	<i>Glycyrrhiza glabra</i>	
PLANT PART USED	Roots.	
BULK DENSITY (TAPPED)	NMT 1.21 gm/ml	
WATER CONTENT (By KF)	2.0% to 8.0% w/w	
HEAVY METALS (TOTAL)	NMT 10 ppm	
ARSENIC (As)	NMT 3 ppm	
CADMIUM (Cd)	NMT 3 ppm	
LEAD(Pb)	NMT 3 ppm	
MERCURY (Hg)	NMT 3 ppm	
ASSAY- as such basis [By HPLC] (Glycyrrhizic Acid)	NMT 2.0% w/w	

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PRODUCT SPECIFICATION



UNIT ISSUING: QUALITY CONTROL

FINISHED PRODUCT DE GLYCYRRHIZINATED LICORICE		
Document number: SPEC: 1161.01/Y-Rev.00	Eff. Date : 24/06/2013 Page No. : 2/2	Supersedes: NA Date : NA
TEST	REQUIREMENT/LIMIT	TEST METHOD REFERENCE
MICROBIOLOGICAL CONTROL		All tests as per STM: 1161.01/Y-Rev.00
Total plate count	NMT 10,000 cfu/gm	
Total moulds count	NMT 5000 cfu/gm	
Total yeast count	NMT 5000 cfu/gm	
Coliform count	NMT 1000/gm	
Escherichia coli	Should be absent/gm	
Enterobacteriaceae count	NMT 10/gm	
Staphylococcus aureus	Should be absent/gm	
RESIDUAL SOLVENTS		
Methanol	NMT 3000 ppm	
Methylene Chloride	NMT 600 ppm	
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 (UMESH GERI Goswami) PREPARED BY	 (B. SHARMA) CHECKED BY	 (P. K. Srivastava) APPROVED BY
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