

**PRODUCT SPECIFICATION**



**UNIT ISSUING: QUALITY CONTROL**

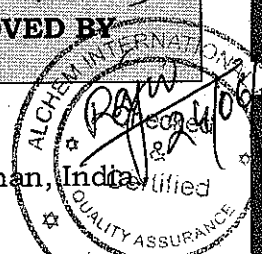
FINISHED PRODUCT DE GLYCYRRHIZINATED LICORICE		
Document number: SPEC :1161.01/Y-Rev.00	Eff. Date : 24/06/2013 Page No. : 1/2	Supersedes: NA Date : NA
TEST	REQUIREMENT/LIMIT	TEST METHOD REFERENCE
<b>MATERIAL FORM</b>	Powder.	Visual.
<b>COLOR</b>	Light brown to yellowish brown colored powder.	Visual.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

Distributed by:  
**BARRINGTON**  
NUTRITIONALS  
sales@BarringtonNutritionals.com  
Tollfree: 800-684-2436

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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
<b>MICROBIOLOGICAL CONTROL</b>		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	
<b>RESIDUAL SOLVENTS</b>		
<b>Methanol</b>	NMT 3000 ppm	
<b>Methylene Chloride</b>	NMT 600 ppm	
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 (UMESH GERI Goswami) <b>PREPARED BY</b>	 (B. SHARMA) <b>CHECKED BY</b>	 (P. K. Srivastava) <b>APPROVED BY</b>
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