



Trafa Pharmaceutical Supplies, LLC

140 Padgette Steet, Unit D, Chicopee, MA 01022, USA
 Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
 Email: SalesUSA@TrafaPharmaSupplies.com
 Website: www.TrafaPharmaSupplies.com

Specification Sheet

Product Name	DGL (DE GLYCYRRHIZINATED LICORICE)		
Botanical Name	Glycyrrhiza glabra		
Country of Origin	India		
Plant Used Part	Root		
DESCRIPTION	SPECIFICATION	TEST METHOD	
PHYSICAL INDICATORS			
Identification	Pass	FTIR	
Color	Brown	Visual	
Appearance	Powder	Visual	
Flavor	Characteristic	Organoleptic	
Odor	Characteristic	Organoleptic	
ANALYTICAL ASSAY			
Solubility (in water)	NLT 90%	USP <561>	
PH (1% water solution)	5 - 7	USP <791>	
Solvent Used	Water	In House Specification	
Tap Density (g/ml)	0.50 - 0.90	USP <616>	
Bulk Density (g/ml)	0.40 - 0.80	USP <616>	
Total Ash	NMT 6%	USP <561>	
Particle Size	100% passes thru 40 mesh	USP <786>	
Loss on Drying	NMT 6%	USP <731>	
TRACE MATALS			
Heavy Metal	NMT 10 ppm	ICPMS / AAS	5ppm
Lead	NMT 1 ppm	ICPMS / AAS	0.3ppm
Cadmium	NMT 1 ppm	ICPMS / AAS	<0.3ppm
Arsenic	NMT 1 ppm	ICPMS / AAS	0.4ppm
Mercury	NMT 0.1 ppm	ICPMS / AAS	<0.03ppm
MICROBIAL ASSAY			
Total Plate Count	NMT 5,000 cfu/g	USP <2021>	1900 cfu/g
Yeast and Mold	NMT 100 cfu/g	USP <2021>	30 cfu/g
Salmonella	Absent/ 10g	USP <2022>	Complies
E. Coli	Absent/ 10g	USP <2022>	Complies
Staphylococcus aureus	Absent/ 10g	USP <2022>	Complies
ASSAY FOR ACTIVES			
Glycyrrhizin	NMT 3%	HPLC	2.35%

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :  _____
 Abdullah Malik (QA)



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Storage: Store in a cool dry place away from direct sunlight.

GMO Free.

Material is NON-ETO, NON-Irradiated

Shelf Life: Retest 3 years from date of manufacturing.

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Reviewed by : _____

A handwritten signature in black ink, appearing to be "Abdullah Malik".

Abdullah Malik (QA)