Trafa Pharmaceutical Inc.
140 Padgette Street, Unit D
Chicopee, MA 01022, USA
Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product Name	***Marshmallow Root Extract 4:1 (Althaea officinalis)***
Batch Quantity	300KG
Extract Solvent	Water
Used Part	Root

Test Items	**Specification**	**Methods**
Physical Indicators		
Appearance	Brown Powder	Visual
Specification	4:1	TLC
Odor & Taste	Characteristic	Organoleptic
Sieve Analysis	NLT 95% through 80 mesh	Sieve Analysis
Loss on Drying	NMT 10.0%	USP36
Ash Content	NMT 14.0%	USP36
Heavy Metal		
Total Heavy Metals	NMT 20.0 mg/kg	USP36
Arsenic(As)	NMT 1.0 mg/kg	USP36
Lead(Pb)	NMT 3.0 mg/kg	USP36
Mercury(Hg)	NMT 0.1 mg/kg	USP36
Cadmium(Cd)	NMT 1.0 mg/kg	USP36
Microbiology Indicators		
Total Plant Count	NMT 1000cfu/g	AOAC
Mold and Yeast	NMT 100cfu/g	AOAC
E. Coli	Negative/10g	AOAC
Salmonella	Negative/25g	AOAC
Staphylococcus Aureus	Negative/25g	AOAC
Packing and Storage		
Packing and Storage	Preserve in tight, light-resistant containers, in a cool place	
Conclusion		
Conclusion	Conform to the enterprise standard	

Note: The above information is based on the certificate of analysis 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)