

**BOTANICAL INFORMATION: SPECIFICATION SHEET**  
**Rose Hip Extract 25% Polyphenols / Vitamin C – 10%**



BOTANICAL NAME : Rosa canina  
 PLANT PART USED : flower hip / rose hip  
 APPEARANCE : pale brown hygroscopic powder  
 SOLVENT : Methanol / Water  
 CARRIER : 10-20 % Dextrin  
 PRESERVATIVES : NONE  
 CERTIFICATIONS : NONE  
 COUNTRY OF ORIGIN : India  
 Harvest : Wild crafted  
 HERB TO EXT RATIO : 10 : 1

BATCH NO: **ASHT/BM**      D.O.M: **January 2014**      D.O.E: **Feb 2016**

PHYSICAL PROFILE	
Particle Size	90% thru 80 Mesh & 95% thru 40 Mesh
Loose Density	0.30- 0.70g/ml
Bulk Density (Tapped)	0.44 g/ml

PRODUCT PROFILE		
	SPECIFICATION	RESULTS
Identification	By TLC	Complies
Loss on Drying	<8.0%	5.9%
Residual Solvent	<5000ppm	Complies
Odor	Organoleptic	Characteristic
Flavor	Organoleptic	Pleasant / Aromatic
Solubility in Water	>90.0%	95%
Solubility in Alcohol	>60.0%	67%
PH (1% solution)	4-7	5.8

ASSAY		
Polyphenols by UV	>25.0%	28.8%

MICROBIOLOGICAL PROFILE		
Total Plate Aerobic Plate Count	<1000CFU/g	100 cfu/g
Yeast & Mould	<100cfu/g	NOT DETECTED
Total Coliforms	<10cfu/g	NIL
E.Coli	Negative in 10g	NOT DETECTED
Salmonella	Negative in 10g	NOT DETECTED

SUPPLEMENTAL INFORMATION		
Pesticide residue	Complies with USP	Complies
Arsenic (ICP – MS)	< 1.0ppm	Below Detection Limit (limit 0.01)
Cadmium (ICP-MS)	< 1.0 ppm	Below Detection Limit (limit 0.01)
Lead (ICP-MS)	< 3.0 ppm	Below Detection Limit (limit 0.01)
Mercury (ICP-MS)	< 0.1 ppm	Below Detection Limit (limit 0.01)

STORAGE CONDITIONS: Store in well-closed containers at room temperature. Protect from light, moisture and pest infestation.

QUALITY INCHARGE