



Test	Specification	Results
Physio chemical Characteristic		
Description	Dark Blackish brown paste having characteristic odor and taste.	Complies
Solubility in water(w/v)	NLT 80 %	90.0 %
Solubility in alcohol(w/v)	NLT 10 %	Complies
Identification By TLC	Positive	Positive
pH 1 % soln. (w/v)	4-7	4.5
Loss on drying(w/w)	NMT 20.0 %	Complies
Active Content		
Assay: Total Fulvic & Humic Acid by GV	NLT 80.0%	80.10%
Heavy Metal Tests		
Total Heavy metals	NMT 10 ppm	Complies
Arsenic	NMT 1.0 ppm	Complies
Cadmium	NMT 2.0 ppm	Complies
Lead	NMT 1.0 ppm	Complies
Mercury	NMT 0.5 ppm	Complies
Microbiological Count		
Total plate count	NMT 10,000 cfu/g	Complies
Mold & yeast	NMT 100 cfu/g	Complies
E. coli	Negative	Complies
S. aureus	Negative	Complies
Salmonella spp.	Negative	Complies
P. Aeruginosa	Negative	Complies

Opinion of analyst : The above material complies with the prescribed standards

Approved By