

Items	Specification	Results	Test Methods
Physical Analysis			
Description	Powder	Complies	Organoleptic
Color	White	Complies	Organoleptic
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Mesh size	85% Passes through #200 mesh	Complies	USP<786>
Loss on drying	NMT 12.0% w/w	11.25% w/w	USP<731>
Residue on ignition	NMT 0.1%	0.05%	USP<281>
Assay	NLT 99.00%	99.86%	HPLC
Sulfate	NMT 0.03%	0.012%	USP
Creatinine	NMT 100 ppm	46 ppm	HPLC
Test of Sulfuric Acid	No carbonation	Complies	USP
Dicyanamide	NMT 50 ppm	11 ppm	HPLC
Cyanide	NMT 1 ppm	0.21 ppm	HPLC
Total Heavy Metals			
Total Heavy Metals	NMT 10 ppm	Complies	USP<231>
Lead	NMT 1 ppm	0.16 ppm	USP<232>
Arsenic	NMT 1 ppm	0.13 ppm	USP<232>
Mercury	NMT 0.1 ppm	0.04 ppm	USP<232>
Cadmium	NMT 1 ppm	0.21 ppm	USP<232>
Microbiology Test			
Total Plate count	NMT 10,000 cfu/g	79 cfu/g	USP<2021>
Yeast & Mold	NMT 1000 cfu/g	Negative	USP<2021>
E. coli	Negative	Negative	USP<2022>
Salmonella	Negative	Negative	USP<2022>
Staphylococcus aureus	Negative	Negative	USP<2022>
Coliforms	Negative	Negative	USP<2021>

Miscellaneous: GMO Free, BSE/TSE Free.**Shelf Life:**24 Months **Packaging & Storage:** Packed in a well-closed container. Store in a cool & dry place at suitable humidity and temperature. Keep away from heat & direct sunlight. **Remarks:** Passes as per given specification. **Disclaimer:** Computer-generated document.

e-Signed By

Shazia Farheen

18.220.164.84 01-16-2025
(Created By)

e-Signed By

Amisha Panda

18.220.164.84 01-17-2025
(Reviewed By)

e-Signed By

Akash Kumar Choudhury

18.220.164.84 01-17-2025
(Approved By)

