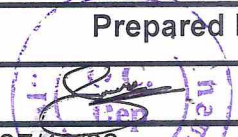
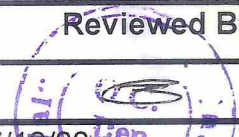
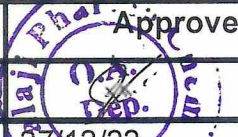


CERTIFICATE OF ANALYSIS

NAME OF PRODUCT: MAGNESIUM SULFATE HEPTAHYDRATE	
GRADE.: USP	CAS NO.: 10034-99-8
BATCH NO.: VPL02122	AR NO.: FPVPL02122
MOLACURAL WEIGHT.: 246.47 gm/mol	MOLACURAL FORMULA.: MgSO ₄ .7H ₂ O
MFG. DATE: DEC- 22	EXP. DATE: NOV - 25
SUPPLY QUANTITY.: 1725 KG	PAGE NO.: 1 of 1

Sr. No.	TEST	Results	SPECIFICATION
1.	Description	Colorless crystals or granular crystalline powder	Colorless crystals or granular crystalline powder.
2.	Identification	Complies	Gives positive test of Magnesium and Sulfate.
3.	Chloride	< 0.014%	NMT 0.014%
4.	Iron (UV method)	< 0.5 µg/g	NMT 0.5 µg/g
5.	Selenium	< 30 µg/g	NMT 30 µg/g
6.	pH	7.2	5.0–9.2
7.	Loss on ignition	50.1%	Loses 40.0%–52.0% of its weight
8.	Assay (% MgSO ₄ after ignition)	99.6 %	NLT 99.0% and NMT 100.5%
9.	Bacterial Endotoxins	Less than 100 IU/gm	Less than 100 IU/gm
10	Microbial Limit test A, B a) Total Microbial Count b) E. coli & Salmonella	A) < 100 cfu/g B) Absent	A) ≤ 100 cfu/g B) Absent

Conclusion: The above referred sample complies / doesn't complies as per **USP+INJ** Specification.

	Prepared By	Reviewed By	Approved By
Signature			
Date	27/12/22	27/12/22	27/12/22