



Certificate of Analysis

Product Name	Metformin	Manufacture Date	Feb.13.2023
Batch Number	SW230213	Analysis Date	Feb.14.2023
Batch Quantity	100kg	Expiry Date	Feb.13.2025

ANALYSIS	SPECIFICATION	RUSULT
Assay	98.5 %— 101.0%	99.82%
Appearance	White powder	Conform
Melting point	223-226 °C	224.5°C
Odor	Characteristic	Conform
Taste	Characteristic	Conform
Solubility	Freely soluble in water, slightly soluble in alcohol, practically insoluble in acetone and in methylene chloride	Conform
Loss on drying	Max 0.5%	0.12%
Heavy Metals	Max 10ppm	Conform
Sulphated ash	<0.1%	0.03%
Residue on ignition	Max 1.0%	0.34%
Total Plate Count	NMT1000cfu/g	Conform
Total Yeast & Mold	NMT100cfu/g	Conform
E.Coli.	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform
Cnclusion	Meets the requirements of Ph. Eur.2022	

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer

Corrector

Analyst

