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CERTIFICATE OF ANALYSIS

PRODUCT NAME: MAGNESIUM CITRATE NONAHYDRATE

BATCH NO.: 509060001

NET WEIGHT: 28000kg

QUANTITY: 1120BAGS

GROSS WEIGHT: 28224kg

PACKING: IN 25kg BAG

ANALYSIS DATE: 01/10/2025

PRODUCTION DATE: 20/09/2025

EXPIRY DATE: 19/09/2027

REF.NO.: 4138

ITEM	STANDARD	ACTUAL DATA	TEST METHOD
CHARACTERS	WHITE OR ALMOST WHITE, FINE POWDER, SPARINGLY SOLUBLE IN WATER, PRACTICALLY INSOLUBLE IN ETHANOL (96 PER CENT). IT DISSOLVES IN DILUTE HYDROCHLORIC ACID	WHITE OR ALMOST WHITE, FINE POWDER, SPARINGLY SOLUBLE IN WATER, PRACTICALLY INSOLUBLE IN ETHANOL (96 PER CENT). IT DISSOLVES IN DILUTE HYDROCHLORIC ACID	EP
IDENTIFICATION	PASS TEST	PASS TEST	EP
APPEARANCE OF SOLUTION	PASS TEST	PASS TEST	EP
pH (5% AQUEOUS SOLUTION)	6.0-8.5	6.4	EP
OXALATES	≤280ppm	<280ppm	EP
LOSS ON DRYING	24.0-28.0%	25.4%	EP
ASSAY (Mg) (dried substance)	15.0-16.4%	16.0%	EP
CHLORIDE	≤0.05%	<0.05%	USP
SULFATE	≤0.2%	<0.2%	USP
IRON	≤100ppm	<100ppm	EP
CALCIUM	≤0.2%	<0.2%	EP
ARSENIC	≤3ppm	<3ppm	USP

CONCLUSION: THE QUALITY OF THIS BATCH CONFORMS WITH ALL REQUIREMENTS OF EP/USP

WHEN TESTED ACCORDING TO THESE COMPENDIA.

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