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CERTIFICATE OF ANALYSIS

PRODUCT NAME: CITRIC ACID ANHYDROUS

BATCH NO.: 30900186

QUANTITY: 1000BAGS

PACKING: IN 25kg BAG

PRODUCTION DATE: 09/12/2023

REF.NO.: N/A

NET WEIGHT: 25000kg

GROSS WEIGHT: 25200kg

ANALYSIS DATE: 14/09/2023

EXPIRY DATE: 09/11/2026

ITEM	STANDARD	ACTUAL DATA	TEST METHOD
CHARACTERS	COLOURLESS TRANSLUCENT CRYSTALS OR AS WHITE, FINE, CRYSTALLINE POWDER	COLOURLESS TRANSLUCENT CRYSTALS OR AS WHITE, FINE, CRYSTALLINE POWDER	FCC
IDENTIFICATION	PASS TEST	PASS TEST	EP
CLARITY AND COLOUR OF SOLUTION	PASS TEST	PASS TEST	BP
CONTENT	99.5-100.5%	100.1%	BP
MOISTURE	≤0.5%	0.1%	FCC
OXALATE/OXALIC ACID	≤100mg/kg	<100mg/kg	FAO/WHO CCFAS Vol.4
SULPHATE	≤150ppm	<150ppm	BP
READILY CARBONISABLE SUBSTANCES	ABS ≤0.52 TRA ≥30%	<0.52 >30%	FCC
RESIDUE ON IGNITION (SULPHATED ASH)	≤0.05%	0.01%	FCC
HEAVY METALS	≤10ppm	<5ppm	IP
ARSENIC	≤1mg/kg	<0.1mg/kg	GB 5009.11
LEAD	≤0.5mg/kg	<0.1mg/kg	FCC
MERCURY	≤1mg/kg	<0.1mg/kg	GB 5009.17
ALUMINIUM	≤0.2ppm	<0.2ppm	BP
BACTERIAL ENDOTOXINS	≤0.5IU/mg	<0.5IU/mg	BP
ISOCITRIC ACID	PASS TEST	PASS TEST	JSFA
BARIUM	PASS TEST	PASS TEST	IP
CALCIUM	≤200ppm	<200ppm	IP
IRON	≤50ppm	<50ppm	IP
CHLORIDE	≤50ppm	<50ppm	IP
MESH SIZE	/	30-100MESH	/

CONCLUSION: THE QUALITY OF THIS BATCH CONFORMS WITH ALL REQUIREMENTS OF
BP/EP/USP/FCC/E330/IP/JSFA/FAO/WHO CCFAS Vol.4 WHEN TESTED ACCORDING TO THESE
COMPENDIA.

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