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CERTIFICATE OF ANALYSIS

PRODUCT NAME: CITRIC ACID ANHYDROUS 30-100MESH

BATCH NO.: 40100113

NET WEIGHT: 25000kg

QUANTITY: 1000BAGS

GROSS WEIGHT: 25200kg

PACKING: IN 25kg BAG

ANALYSIS DATE: 05/01/2024

PRODUCTION DATE: 04/01/2024

EXPIRY DATE: 03/01/2027

REF.NO.: N/A

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%	100.0%	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

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.

崔久霞

