

QINGDAO EAST CHEMSOURCES TRADE CO.,LTD

602,UNIT 2,NO.46 DONG SHAN FOURTH ROAD,LICANG,QINGDAO,CHINA

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CITRIC ACID ANHYDROUS

BATCH NO.: 3AX2212016

NET WEIGHT: 4000KGS

GROSS WEIGHT: 4032KGS

QUANTITY: 160BAGS

PACKING: IN 25kg BAG

ANALYSIS DATE: DEC.18,2022

PRODUCTION DATE: DEC.18,2022

EXPIRY DATE: DEC.17,2025

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	PASSES TEST	EP
CLARITY AND COLOUR OF SOLUTION	PASS TEST	PASSES TEST	BP
CONTENT	99.5-100.5%	100%	BP
MOISTURE	≤0.5%	0.1%	FCC
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%	0.02%	FCC
HEAVY METALS	≤10ppm	<6ppm	IP
ARSENIC	≤1mg/kg	<0.1mg/kg	IP
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 (RELATIVE SUBSTANCES)	PASS TEST	PASS TEST	JSFA
TRILAURYLAMINE	≤0.1mg/kg	<0.1mg/kg	FCC
STERILITY	PASS TEST	PASS TEST	USP
BARIUM	PASS TEST	PASS TEST	QINGDAO EAST CHEMSOURCES TRADE CO.,LTD
CALCIUM	≤200ppm	<200ppm	青島伊特丰源貿易有限公司
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.