



CERTIFICATE OF ANALYSIS

PRODUCT NAME: CITRIC ACID ANHYDROUS 30-100MESH

BATCH NO.: 70420056

NET WEIGHT: 22000kgs

QUANTITY: 880BAGS

GROSS WEIGHT: 22176kgs

PACKING: IN 25kg BAGS

ANALYSIS DATE: 15/04/2017

PRODUCTION DATE: 13/04/2017

EXPIRY DATE: 12/04/2020

REF.NO.: 18687

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
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	BP
ARSENIC	≤1mg/kg	<0.1mg/kg	IP
LEAD	≤0.5mg/kg	<0.1mg/kg	FCC
MERCURY	≤1mg/kg	<0.1mg/kg	E330
ALUMINIUM	≤0.2ppm	<0.2ppm	BP
BACTERIAL ENDOTOXINS	≤0.5IU/mg	<0.5IU/mg	BP
ISOCITRIC ACID (RELATIVE SUBSTANCES)	PASS TEST	PASS TEST	JSFA
POLYCYCLIC AROMATIC HYDROCARBON	PASS TEST	PASS TEST	JSFA
TRI LAURYLAMINE	≤0.1mg/kg	<0.1mg/kg	FCC
STERILITY	PASS TEST	PASS TEST	USP
BARIUM	PASS TEST	PASS TEST	IP
CALCIUM	≤200ppm	<200ppm	IP
IRON	≤50ppm	<50ppm	IP
CHLORIDE	≤50ppm	<50ppm	IP