

ORIGINAL

CERTIFICATE OF ANALYSIS

RE. INV. NO.: SSE12399-1

DATE: MAY. 25. 2015

COMMODITY: CITRIC ACID ANHYDROUS FCC/USP FINE GRANULAR
30-100MESH

BATCH NO.: AA-1501-3016

NUMBER: 50LB/BAG X 800BAGS = 18.144MT

ANALYSIS DATE: JAN. 15. 2015

MANUFACTURING DATE: JAN. 14. 2015

EXPIRY DATE: JAN. 13. 2018

Item	Unit	STANDARD DATA	ACTUAL DATA
CHARACTERS	---	WHITE CRYSTALLINE POWDERS, COLORLESS CRYSTALS OR GRANULES	PASS TEST
IDENTIFICATION (A,B)	---	PASS TEST	PASS TEST
COLOR & CLARITY OF SOLUTION	---	PASS TEST	PASS TEST
ASSAY	%	99.5-100.5	100.24
WATER	%	≤0.5	0.17
HEAVY METALS	PPM	≤5	2
OXALATE	PPM	≤360	80
SULPHATE	PPM	≤150	40
CALCIUM	PPM	≤20	8
SULPHATE ASH	%	≤0.05	0.02
READILY CARBONISABLE SUBSTANCES	---	PASS TEST	PASS TEST
ALUMINUM	PPM	≤0.2	0.02
ARSENIC	PPM	≤1	0.2
LEAD	PPM	≤0.5	0.2
BACTERIAL ENDOTOXINS	I.U./MG	≤0.5	0.35
ORGANIC VOLATILE IMPURITY	---	PASS TEST	PASS TEST
STERILITY	%	PASS TEST	PASS TEST
RESIDUE ON IGNITION	%	≤0.05	0.02
CHLORIDE	PPM	≤50	10
IRON	PPM	≤1	0.5
SOLUTION COLOR	---	80 APHA MAX	40
ORGANIC VOLATILE IMPURITY	---	PASS TEST	PASS TEST
TRIDODECYLAMINE	PPM	≤0.1	0.01

CONCLUSION: THE QUALITY OF THIS LOT OF GOODS CONFORMING WITH
THE STANDARD FCC7/USP34.

BBFY PO NO.: 15051

FDA REGISTRATION: 17666026948

บริษัท ซันไชน์ ไบโอเทค อินเตอร์เนชั่นแนล จำกัด
SUNSHINE BIOTECH INTERNATIONAL CO., LTD.

