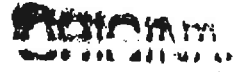


CERTIFICATE OF ANALYSIS



RE. INV. NO.: SSE13425-1

DATE: AUG 17, 2017

COMMODITY: CITRIC ACID MONOHYDRATE E330/BP/USP 8-80MESH

BATCH NO.: AM-1708-2350

NUMBER: 25KG/BAG X 960 BAGS = 24MT

ANALYSIS DATE: AUG 09, 2017

MANUFACTURING DATE: AUG 08, 2017

EXPIRY DATE: AUG 07, 2020

4530160311-394125

ITEM	UNIT	STANDARD DATA	ACTUAL DATA
DESCRIPTION	---	WHITE CRYSTALLINE POWDERS, COLORLESS CRYSTALS OR GRANULES	AS STANDARD
IDENTIFICATION & SOLUBILITY	---	PASS TEST	PASS TEST
CLARITY & COLOR OF SOLUTION	---	PASS TEST	PASS TEST
BARIUM	PPM	PASS TEST	PASS TEST
ASSAY	%	99.5-101.0	100.18
WATER	%	7.5-8.8	8.55
CALCIUM	PPM	≤20	5
IRON	PPM	≤5	1
OXALATE	PPM	≤100	30
HEAVY METALS	PPM	≤5	1
SULPHATE	PPM	≤150	40
SULPHATED ASH	%	≤0.05	0.01
CHLORIDE	PPM	≤50	1
ARSENIC	PPM	≤1	0.1
CHROMIUM	PPM	≤1	0.03
NICKEL	PPM	≤1	0.02
COBALT	PPM	≤1	0.01
LEAD	PPM	≤0.5	0
MERCURY	PPM	≤1	0
BACTERIAL ENDOTOXINS	I. U. /MG	≤0.5	0.35
READILY CARBONISABLE SUBSTANCES	---	PASS TEST	PASS TEST

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

PO: 4530160311-1

MANUFACTURER: SUNSHINE BIOTECH INTERNATIONAL CO., LTD.

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