

CERTIFICATE OF ANALYSIS

RE.INV. NO.: SSE13846

DATE: OCT.17,2018

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

BATCH NO.:AA-1806-3265

NUMBER:50LB/BAG×880BAGS=19.9584MT

ANALYSIS DATE:JUN.18,2018

MANUFACTURING DATE: JUN.16,2018

EXPIRY DATE:JUN.15,2021

Item	Unit	STANDARD DATA	ACTUAL DATA
CHARACTERS	---	WHITE CRYSTALLINE POWDERS,COLORLESS CRYSTALS OR GRANULES	PASS TEST
IDENTIFICATION		PASS TEST	PASS TEST
COLOR &CLARITY OF SOLUTION		PASS TEST	PASS TEST
TRANSMITTANCE	%	≥96.0	99.3
ASSAY	%	99.5-100.5	99.84
WATER	%	≤0.5	0.21
HEAVY METALS	PPM	≤5	1
OXALATE	PPM	≤100	30
SULPHATE	PPM	≤150	10
CALCIUM	PPM	≤75	5
SULPHATE ASH	%	≤0.05	0.01
READILY CARBONISABLE SUBSTANCES	---	PASS TEST	PASS TEST
ALUMINUM	PPM	≤0.2	0.15
ARSENIC	PPM	≤1	0.1
BACTERIAL ENDOTOXINS	I.U./MG	≤0.5	0.38
CHLORIDE	PPM	≤50	1
IRON	PPM	≤5	1
LEAD	PPM	≤0.5	<0.5
MERCURY	PPM	≤1	<1
ORGANIC VOLATILE IMPURITY	---	PASS TEST	PASS TEST
TRIDODECYLAMINE	PPM	≤0.1	<0.1

CONCLUSION: THE QUALITY OF THIS LOT OF GOODS CONFORMING WITH THE
STANDARD FCC/USP. ANALYSIS IS BASED ON PRODUCTION LINE CONTROL OR
RANDOM TESTING

BBFY PO NO.: 18180

FDA REGISTRATION:17666026948

บริษัท ซันชาย ไบโอดเทค อินเตอร์เนชั่นแนล จำกัด
SUNSHINE BIOTECH INTERNATIONAL CO., LTD.

CERTIFICATE OF ANALYSIS

RE.INV. NO.: SSE13846

DATE: OCT.17,2018

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

BATCH NO.:AA-1806-3269

NUMBER:50LB/BAG×880BAGS=19.9584MT

ANALYSIS DATE:JUN.18,2018

MANUFACTURING DATE: JUN.17,2018

EXPIRY DATE:JUN.16,2021

Item	Unit	STANDARD DATA	ACTUAL DATA
CHARACTERS	---	WHITE CRYSTALLINE POWDERS,COLORLESS CRYSTALS OR GRANULES	PASS TEST
IDENTIFICATION		PASS TEST	PASS TEST
COLOR &CLARITY OF SOLUTION		PASS TEST	PASS TEST
TRANSMITTANCE	%	≥96.0	99.1
ASSAY	%	99.5-100.5	99.81
WATER	%	≤0.5	0.19
HEAVY METALS	PPM	≤5	1
OXALATE	PPM	≤100	30
SULPHATE	PPM	≤150	10
CALCIUM	PPM	≤75	5
SULPHATE ASH	%	≤0.05	0.01
READILY CARBONISABLE SUBSTANCES	---	PASS TEST	PASS TEST
ALUMINUM	PPM	≤0.2	0.15
ARSENIC	PPM	≤1	0.1
BACTERIAL ENDOTOXINS	I.U./MG	≤0.5	0.38
CHLORIDE	PPM	≤50	1
IRON	PPM	≤5	1
LEAD	PPM	≤0.5	<0.5
MERCURY	PPM	≤1	<1
ORGANIC VOLATILE IMPURITY	---	PASS TEST	PASS TEST
TRIDODECYLAMINE	PPM	≤0.1	<0.1

CONCLUSION: THE QUALITY OF THIS LOT OF GOODS CONFORMING WITH THE
STANDARD FCC/USP. ANALYSIS IS BASED ON PRODUCTION LINE CONTROL OR
RANDOM TESTING

BBFY PO NO.: 18180

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