



SUNSHINE BIOTECH INTERNATIONAL CO.,LTD.

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CERTIFICATE OF ANALYSIS

Sample

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

BATCH NO.:

NUMBER: 50LB/BAG

ANALYSIS DATE:

MANUFACTURINGDATE:

EXPIRY DATE:

Item	Unit	STANDARD DATA	ACTUAL DATA
CHARACTERS	---	WHITECRYSTALLINE POWDERS,COLORLESS CRYSTALS OR GRANULES	PASS TEST
IDENTIFICATION		PASS TEST	PASS TEST
COLOR &CLARITY OF SOLUTION		PASS TEST	PASS TEST
TRANSMITTANCE	%	≥ 96.0	99.0
ASSAY	%	99.5-100.5	100.06
WATER	%	≤ 0.5	0.13
HEAVY METALS	PPM	≤ 5	1
OXALATE	PPM	≤ 100	30
SULPHATE	PPM	≤ 150	10
CALCIUM	PPM	≤ 75	3
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
ORGANICVOLATILE 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

LEVEL 7
CHEMICAL & SUPPLY

บริษัท สันshine ไบโเทค อินเตอร์เนชั่นแนล จำกัด
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