

CERTIFICATE OF ANALYSIS

PRODUCT NAME: TRICALCIUM CITRATE 60MESH

BATCH NO.: 20140013

NET WEIGHT: 11000kg

QUANTITY: 440BAGS

GROSS WEIGHT: 11088kg

PACKING: IN 25kg BAG

ANALYSIS DATE: 19/03/2022

PRODUCTION DATE: 29/01/2022

EXPIRY DATE: 28/01/2025

REF.NO.: SH22-0113B

ITEM	STANDARD	ACTUAL DATA	TEST METHOD
CHARACTERS	FINE WHITE POWDER	FINE WHITE POWDER	FCC
IDENTIFICATION	PASS TEST	PASS TEST	FCC
ASSAY	97.5-100.5%	98.1%	FCC
LOSS ON DRYING	10.0-13.3%	11.6%	USP
OXALATE	PASS TEST	PASS TEST	FAO/WHO CCFAS Vol.4
FLUORIDE	≤30mg/kg	<30mg/kg	FCC
ARSENIC	≤1mg/kg	<0.5mg/kg	GB 5009.11
LEAD	≤1mg/kg	<0.5mg/kg	FCC
MERCURY	≤1mg/kg	<0.5mg/kg	GB 5009.17
ALUMINUM	≤30mg/kg	<30mg/kg	GB 5009.182
CARBONATES	PASS TEST	PASS TEST	E333
PH (1.0g WATER 20ml)	5.5-8.0	6.0	JSFA
SULFATE	≤0.024%	<0.024%	JSFA
HYDROCHLORIC ACID-INSOLUBLE SUBSTANCES	≤0.060%	<0.060%	JSFA
CHLORIDE	≤0.007%	<0.007%	JSFA
AEROBIC PLATE COUNT	≤ 100cfu/g	20cfu/g	GB 4789.2
MOLDS AND YEASTS	≤ 50cfu/g	< 10cfu/g	GB 4789.15
COLIFORMS	< 3.0MPN/g	< 3.0MPN/g	GB 4789.3
STAPHYLOCOCCUS AUREUS	Absent /25g	Absent /25g	GB 4789.10
SALMONELLA	Absent /25g	Absent /25g	GB 4789.4

CONCLUSION: THE QUALITY OF THIS BATCH CONFORMS WITH ALL REQUIREMENTS OF FCC/USP/E333/JSFA/FAO/WHO CCFAS Vol.4 WHEN TESTED ACCORDING TO THESE COMPENDIA.



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