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CERTIFICATE OF ANALYSIS

PRODUCT NAME: TRIPOTASSIUM CITRATE MONOHYDRATE 8-40MESH

BATCH NO.: 20130021

NET WEIGHT: 7000kg

QUANTITY: 280BAGS

GROSS WEIGHT: 7056kg

PACKING: IN 25kg BAG

ANALYSIS DATE: 01/03/2022

PRODUCTION DATE: 02/01/2022

EXPIRY DATE: 01/01/2025

REF.NO.: N/A

ITEM	STANDARD	ACTUAL DATA	TEST METHOD
CHARACTERS	TRANSPARENT CRYSTALS OR AS WHITE GRANULAR POWDER	TRANSPARENT CRYSTALS OR AS WHITE GRANULAR POWDER	FCC
IDENTIFICATION	PASS TEST	PASS TEST	EP
APPEARANCE OF SOLUTION	PASS TEST	PASS TEST	BP
pH (5% AQUEOUS SOLUTION)	7.6-9.0	8.5	JSFA
ALKALINITY	PASS TEST	PASS TEST	FCC
ASSAY	99.0-100.5%	99.8%	FCC
LOSS ON DRYING (WATER)	3.0-6.0%	5.6%	FCC
SODIUM	≤0.3%	<0.3%	BP
READILY CARBONISABLE SUBSTANCES	PASS TEST	PASS TEST	EP
TARTRATE	PASS TEST	PASS TEST	USP
HEAVY METALS	≤10ppm	<5ppm	IP
CHLORIDE	≤50ppm	<50ppm	BP
SULPHATES	≤150ppm	<150ppm	BP
OXALATE	≤100ppm	<100ppm	IP
ARSENIC	≤1mg/kg	<0.1mg/kg	GB 5009.11
LEAD	≤1mg/kg	<0.1mg/kg	FAO/WHO CCFAS Vol.4
MERCURY	≤1mg/kg	<0.1mg/kg	GB 5009.17

CONCLUSION: THE QUALITY OF THIS BATCH CONFORMS WITH ALL REQUIREMENTS OF BP/EP/USP/FCC/E332(ii)/IP/JSFA/FAO/WHO CCFAS Vol.4 WHEN TESTED ACCORDING TO THESE COMPENDIA.

崔久霞

