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CERTIFICATE OF ANALYSIS

PRODUCT NAME: TRIPOTASSIUM CITRATE MONOHYDRATE 30-100MESH	NET WEIGHT: 1000kg
BATCH NO.: 20130038	GROSS WEIGHT: 1008kg
QUANTITY: 40BAGS	ANALYSIS DATE: 26/02/2022
PACKING: IN 25kg BAG	EXPIRY DATE: 26/01/2025
PRODUCTION DATE: 27/01/2022	
REF.NO.: 2784	

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	8.8	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	IP
LEAD	≤1mg/kg	<0.1mg/kg	IP
MERCURY	≤1mg/kg	<0.1mg/kg	IP

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.

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