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## CERTIFICATE OF ANALYSIS

PRODUCT NAME: TRISODIUM CITRATE DIHYDRATE

BATCH NO.: 00220125

NET WEIGHT: 25000kg

QUANTITY: 1000BAGS

GROSS WEIGHT: 25200kg

PACKING: IN 25kg BAG

ANALYSIS DATE: 07/03/2020

PRODUCTION DATE: 17/02/2020

EXPIRY DATE: 16/02/2023

REF.NO.: HN-252

ITEM	STANDARD	ACTUAL DATA	TEST METHOD
CHARACTERS	COLOURLESS CRYSTALS OR AS WHITE CRYSTALLINE POWDER	COLOURLESS CRYSTALS OR AS WHITE CRYSTALLINE POWDER	FCC
IDENTIFICATION	PASS TEST	PASS TEST	EP
APPEARANCE OF SOLUTION	PASS TEST	PASS TEST	BP
pH (5% AQUEOUS SOLUTION)	7.6-9.0	8.7	JSFA
ALKALINITY	PASS TEST	PASS TEST	FCC
ASSAY	99.0-100.5%	99.9%	BP
LOSS ON DRYING (WATER)	10.0-13.0%	12.2%	JSFA
TARTRATE	PASS TEST	PASS TEST	USP
READILY CARBONISABLE SUBSTANCES	PASS TEST	PASS TEST	EP
HEAVY METALS	≤10ppm	<5ppm	IP
CHLORIDE	≤50ppm	<50ppm	BP
SULPHATES	≤150ppm	<150ppm	BP
OXALATE	≤100ppm	<100ppm	GB 1886.25-2016
ARSENIC	≤1mg/kg	<0.1mg/kg	GB 5009.11
LEAD	≤2mg/kg	<0.2mg/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/E331/IP/JSFA/FAO/WHO CCFAS Vol.4 WHEN TESTED ACCORDING TO THESE COMPENDIA.

崔文霞 2020/3/2