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CERTIFICATE OF ANALYSIS

PRODUCT NAME: TRISODIUM CITRATE DIHYDRATE 30-100MESH
BATCH NO.: 510020111
QUANTITY: 1040BAGS
PACKING: IN 25kg BAG
PRODUCTION DATE: 16/10/2025
REF.NO.: N/A
NET WEIGHT: 26000kg
GROSS WEIGHT: 26208kg
ANALYSIS DATE: 19/10/2025
EXPIRY DATE: 15/10/2028

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	8.6	JSFA
ALKALINITY	PASS TEST	PASS TEST	FCC
ASSAY	99.0-100.5%	99.8%	BP
LOSS ON DRYING (WATER)	10.0-13.0%	12.3%	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(iii)/IP/JSFA/FAO/WHO CCFAS Vol.4 WHEN TESTED ACCORDING TO THESE COMPENDIA.

崔久霞