



ADM FOODS & WELLNESS CERTIFICATE OF ANALYSIS

758543

IXLOTCP: 10AD64

PRODUCT DESCRIPTION: CITRIC ACID ANHYD FG
USP FCC
(EXCIPIENT/FOOD USE)
ADM PRODUCT CODE: 020420

LOT NUMBER: S502143

COPC: 9535

MANUFACTURE DATE: 02/14/15 TEST DATE: 02/14/15
BEST BY DATE: 02/14/18

QUANTITY SHIPPED: 700 QTY
CONTAINER CODE: 0H DESC: 50# BAG
NET WEIGHT: 35,000.000 #

THIS PRODUCT COMPLIES WITH PH EUR, BP, USP, FCC, JP, E330 & FAO/WHO FOOD AD-
DITIVE SPECIFICATIONS. IT OCCURS AS COLORLESS, TRANSLUCENT CRYSTALS OR AS
A WHITE, GRANULAR TO FINE CRYSTALLINE POWDER. IT IS ESSENTIALLY ODORLESS
AND HAS A STRONG ACID TASTE.

ITEM IDENTIFICATION	RESULT	LIMIT	REFERENCE
	PASSES TEST	(X) PASSES TEST	USP/FCC
ASSAY	100.20 %	(-) 99.5 - 100.5%	USP/FCC
WATER	0.06 %	(-) < 0.5%	USP
RESIDUE ON IGNITION	< 0.05%	(X) < 0.05%	USP/FCC
READILY CARBONIZABLE SUBSTANCES	PASSES TEST	(-) PASSES TEST	USP/FCC
LIMIT OF OXALIC ACID	< 0.036%	(X) < 0.036%	USP
HEAVY METALS	< 5MG/KG	(X) < 5MG/KG	USP/FCC
LEAD	< 0.5MG/KG	(X) < 0.5MG/KG	FCC
SULFATE	PASSES TEST	(X) < 0.015%	USP
ON USS 30 MESH	0.0 %	(-) < 3%	ADM
MESH, % THROUGH #100	0.4 %	(-) < 5%	ADM
CLARITY OF SOLUTION	PASSES TEST	(-) PASSES TEST	USP
COLOR OF SOLUTION	PASSES TEST	(-) PASSES TEST	USP
OXALATE	CONFORMS	(X) CONFORMS	FCC

TESTING FREQUENCY: (-) PER LOT; (X) WEEKLY

SHALENE REECE

QA SUPERINTENDENT

ARCHER DANIELS MIDLAND COMPANY + 4666 EAST FARIES PARKWAY + DECATUR, ILLINOIS 62526
217.424.5200 (PHONE) WWW.ADM.COM

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IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.