



# ARCHER DANIELS MIDLAND COMPANY

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4666 FARIES PARKWAY  
DECATUR IL 62526-0000

953578953322020210204020420

IXCOA01: 10789089163089163020420

## CERTIFICATE OF ANALYSIS

CITRIC ACID USP ANHYDROUS FINE GRANULAR

(ADM PRODUCT CODE 020420)

THIS CERTIFICATE OF ANALYSIS IS VALID ONLY FOR THE SHIPMENT AS DESCRIBED IN THE SHIPMENT INFORMATION SHOWN BELOW.

SHIPTO: 089163 TILLEY CHEMICAL CO  
501 CHESAPEAKE PARK PLZ  
BALTIMORE MD

SOLDTO: 089163 TILLEY CHEMICAL CO  
501 CHESAPEAKE PARK PLZ  
BALTIMORE MD

### SHIPMENT INFORMATION:

CONTAINER/LOT #: S101314      LOAD/MFG DATE: 01-31-2021      ADM ORDER #: 533220  
LOT CODE: S101314-210131-533220      SHIP DATE: 02-04-2021      CORDNO: 117229  
CONTAINER CODE: 0H 50# BAG      BEST BY DATE: 01-31-2024      WEIGHT/QUANTITY: 850

### PRODUCT ANALYSIS:

TEST	RESULT	UNIT	LIMIT	REFERENCES
IDENTIFICATION	PASSES TEST		(X) PASSES TEST	USP/FCC
ASSAY	100.00	%	(-) 99.5 - 100.5%	USP/FCC
WATER	0.04	%	(-) < 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	0.5	%	(-) < 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

### PRODUCT GUARANTEES:

- USP-NF/FCC (EXCIPIENT/FOOD USE ONLY)
- \* THIS PRODUCT COMPLIES WITH PH EUR, BP, USP, FCC, JP, E330 & FAO/WHO FOOD ADDITIVE 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.
- \* PRODUCT IS MANUFACTURED AT ADM SOUTHPORT, NC

CERTIFIED BY: SARA HATCH, SOUTHPORT QA MANAGER  
RUN DATE: 02/08/2021      RUN TIME: 06:58:32