



# ARCHER DANIELS MIDLAND COMPANY

ARCHER-DANIELS-MIDLAND COMPANY  
4666 FARIES PARKWAY  
DECATUR IL 62526-0000  
MANUFACTURE LOC: SOUTHPORT, NC

953578987280420251022020440

IXCOA01: 10789584746584746020440

## CERTIFICATE OF ANALYSIS

CITRIC ACID ANHYDROUS POWDER

(ADM PRODUCT CODE 020440)

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

### SHIPMENT INFORMATION:

CONTAINER/LOT #: <b>SAMPLE</b>	LOAD/MFG DATE:	ADM ORDER #:
LOT CODE:	SHIP DATE:	CORDNO:
CONTAINER CODE:	BEST BY DATE:	WEIGHT/QUANTITY:

### PRODUCT ANALYSIS:

TEST	RESULT	UNIT	LIMIT	REFERENCES
IDENTIFICATION	PASSES TEST		(X) PASSES TEST	USP/FCC
ASSAY	99.90	%	(-) 99.5 - 100.5%	USP/FCC
WATER	0.07	%	(-) < 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 60 MESH	0.7	%	(-) < 2%	ADM
THROUGH USS 200 MESH	93.2	%	(-) > 50%	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) MONTHLY

### 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:  
RUN DATE:

RUN TIME: