



ADM SPECIALTY INGREDIENTS CERTIFICATE OF ANALYSIS

IXLOTCA: 10SFI0000000000007896

SOLD TO: 000789
ADM SPECIALTY INGREDIENTS DIVI
CITRIC ACID
1730 E MOORE ST SE
SOUTHPORT NC

SHIPPED TO: 000789
ADM SPECIALTY INGREDIENTS
CITRIC ACID
1730 E MOORE ST SE
SOUTHPORT NC

CUSTOMER PO #:

SHIP DATE: / /
SHIPPED FROM: SOUTHPORT ,NC
TRAILER/CAR NUMBER:
ADM ORDER NUMBER:
INVOICE NUMBER:

PRODUCT DESCRIPTION: SODIUM CITRATE DIHYDRATE,
USP/FCC, FINE GRANULAR
(EXCIPIENT/FOOD USE)

ADM PRODUCT CODE: 042420
CUSTOMER PRODUCT CODE:

LOT NUMBER: S303181

COPC: 9535

MANUFACTURE DATE: 03/18/13 TEST DATE: 03/19/13
BEST BY DATE: 03/18/16
QUANTITY SHIPPED: 1 QTY
CONTAINER CODE: OH DESC: 50# BAG
NET WEIGHT: 50.000 #

THIS PRODUCT COMPLIES WITH PH EUR, BP, USP, FCC, E331, & FAO/WHO FOOD ADDITIVE SPECIFICATIONS. IT OCCURS AS COLORLESS CRYSTALS OR AS A WHITE, CRYSTALLINE POWDER AND IS ESSENTIALLY ODORLESS.

ITEM IDENTIFICATION	RESULT PASSES TESTS A, B & C	LIMIT (X) PASSES TESTS	REFERENCE USP/FCC
ASSAY	99.80 %	(-) 99.0 - 100.5%	USP/FCC
WATER	12.20 %	(-) 10.0 - 13.0%	USP/FCC
ALKALINITY	PASSES TEST	(X) PASSES TEST	USP/FCC
PH	8.2	(-) 7.5 - 9.0	E331
TARTRATE	PASSES TEST	(X) PASSES TEST	USP
HEAVY METALS	<0.001 %	(X) < 0.001%	USP/FCC
LEAD	< 2 MG/ KG	(X) < 2 MG/KG	FCC
ON USS 30 MESH	0.0 %	(-) < 1%	ADM
MESH, % THROUGH #100	0.3 %	(-) < 10%	ADM

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

SHALENE REECE
QA SUPERINTENDENT