PRODUCT SPECIFICATION SHEET

EFFECTIVE DATE: 6/20/05

ISSUE NUMBER: 0

PRODUCT NAME: AMMONIUM NITRATE PRILLS (E-2)

PRODUCT SPEC.: 52101-02.2

PRODUCT GRADE: UNCOATED HIGH DENSITY PRILLS (LOGISTICS)

APPROVALS:

_____ PLANT MANAGER:

_____ PRODUCT MANAGER:

_____ QUALITY CONTROL MANAGER:

_____ MARKETING PRODUCT MANAGER:

TEST FREQUENCY	PROPERTY	SPECIFICATION LIMITS	TYPICAL VALUES	TEST METHOD NO
(A)	AMMONIUM NITRATE	97.65% Min	97.85%	EDCC-310
	AMMONIUM NITRATE (excluding moisture & $Mg(NO_3)2$	99.9% Min	99.95%	CALCULATED
(A)	TOTAL NITROGEN	34.0% Min	34.5%	EDCC-390
(A)	WATER INSOLUBLE	0.10% Max	0.01%	EDCC-370
(A)	ANGLE OF REPOSE	N/A	32	EDCC-388
(R)	MOISTURE (as manufacture)	0.50% Max	0.3%	EDCC-300
(R)	FRIABILITY INDEX	185 Min	190	EDCC-350
(R)	BULK DENSITY (Loose)	60 lbs./ft.^{3} Min	61 lbs./ft.^{3}	EDCC-340
(R)	pH (10% w/w Solution)	5.9 to 6.4	6.0	EDCC-387
(R)	E-2 ADDITIVE (%MgO)	0.30% - 0.65%	0.55%	EDCC-386
(R)	E-2 ADDITIVE (%Mg)	0.18%-0.40%	0.25%	EDCC-386
(R)	CHLORIDES	5000ppm max	<1 ppm	EDCC-311.1
(R)	CONDUCTIVITY	25.8 milliSiemens Min	28.0	EDCC-302
(R)	SCREEN ANALYSIS (U.S. STANDARD)			EDCC-345
	+6 MESH	1% Max	0%	
	+10 MESH	40.0% Min	45.0%	
	+14 MESH	75% Max	47.0%	
	+20 MESH	10% Max	7.0%	
	-20 MESH	1.0% Max	0.7%	

(R) ROUTINE ANALYSIS (A) CHECKED AT INTERVALS