



## TECH - CERTIFICATE OF ANALYSIS

1/19/2011

CUSTOMER: \_\_\_\_\_

CUST. REF: \_\_\_\_\_

SHIP DATE: \_\_\_\_\_

PRODUCT: Magnesium Sulfate - TECH

TRAILER NUMBER: \_\_\_\_\_

SHELF LIFE: 3 Years

BILL OF LADING # : \_\_\_\_\_

LOT NUMBER: **0111**

PO NUMBER # : \_\_\_\_\_

SHIPPER : \_\_\_\_\_

MANUFACTURED : \_\_\_\_\_

CUST. SERV. : \_\_\_\_\_

I, certify that this material meets all the requirements of the PQ Corporation sales specification 606311

Magnesium Sulfate - Heptahydrate, Agricultural Grade; CAS Registry #: 10034-99-8

METHOD	TEST	LOWER	UPPER	Test Results
VISUAL	Appearance	~~	~~	Clear
USP33	Chloride as Cl (%)	~~	0.014	.002%
USP33	ignition Loss (%)	40.00	52.00	51.94%
USP33	MgSO <sub>4</sub> ( Anhydrous wt. % )	99.00	100.50	99.46%
USP33	MgSO <sub>4</sub> ( As is basis, % )	48.30	52.00	48.54%
USP33	pH 5% Solution	5.00	9.20	6.67

ATTN:

ANALYST:

SIGNATURE ON FILE

PQ - CORPORATION - UTICA, IL

(815) 667-4241