



AGRICULTURAL - CERTIFICATE OF ANALYSIS

3/31/2011

CUSTOMER: _____
CUST. REF: _____ SHIP DATE: _____
PRODUCT: Magnesium Sulfate - MAGNAGROW TRAILER NUMBER: _____
SHELF LIFE: 3 Years BILL OF LADING # : _____
LOT NUMBER: **0411** 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	0.002%
USP33	Ignition Loss (%)	40.00	52.00	51.41%
USP33	MgSO ₄ (Anhydrous wt. %)	99.00	100.50	99.53%
USP33	MgSO ₄ (As is basis, %)	48.30	52.00	48.57%
USP33	pH 5% Solution	5.00	9.20	6.71

ATTN:

ANALYST:

SIGNATURE ON FILE
PQ - CORPORATION - UTICA, IL
(815) 667-4241