



TECH - CERTIFICATE OF ANALYSIS

7/29/2009

CUSTOMER: shelby
CUST. REF: _____ SHIP DATE: _____
PRODUCT: Magnesium Sulfate - TECH TRAILER NUMBER: _____
SHELF LIFE: 3 Years BILL OF LADING #: _____
LOT NUMBER: 1009 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
USP31	Chloride as Cl (%)	~~	0.014	<.001%
USP31	ignition Loss (%)	40.00	52.00	48.79%
USP31	MgSO ₄ (Anhydrous wt. %)	99.00	100.50	99.69%
USP31	MgSO ₄ (As is basis, %)	48.30	52.00	48.65%
USP31	pH 5% Solution	5.00	9.20	6.70

ATTN:

ANALYST:

SIGNATURE ON FILE

PQ - CORPORATION - UTICA, IL

(815) 667-4241