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Date: 07/29/14 at 9:07 AM

## Aqua Solutions, Inc. 6913 Highway 225 Deer Park, TX, 77536 281/479-2569 Certificate of Analysis / QC Results

Customer PO #:

Packaged Product: C07	27		
_	IUM HYDROXIDE LAB GRADE POWDER		
Test	Target/UOM	Range	Result
ASSAY OF MATERIAL	95 - 100.5%		97.1%
PASSING 325 MESH	MIN 96.5		98.6%
	325 MESH		
MOISTURE,%	MAX 1.0%		0.4%
	MOISTURE		
FLUORIDE (F)	MAX 50 PPM		< 50 PPM
	FLUORIDE		
INSOLUBLES,% GUARANTEED	MAX 0.5%		< 0.5%
	INSOLUBLES		
HEAVY METAL (AS PB)	MAX 30 PPM		< 20 PPM
	HVY MTL		
LEAD (PB) CONTENT	MAX 10 PPM		< 2 PPM
	LEAD		
% MAG. & ALKALI SALTS	MAX 4.8%		< 4.8%
	% MAG		
ARSENIC CONTENT	MAX 3.0 PPM		< 3.0 PPM
	ARSENIC		
CARBONATE AS NA2CO3	PASSES TEST		PASSES TEST
	CARBONATE		
APPEARANCE AND COLOR	WHITE POWDER		WHITE POWDER
	APPEARANCE		
Lot # 420401			
Made			

**Quality Manager** Aqua Solutions, Inc.