



# Aqua Solutions, Inc.

P.O. Box 70 Deer Park, TX 77536 Ph (281-479-2569)



<b>SPECIFICATION SHEET</b>	
<b>NITRIC ACID 68-70% REAGENT ACS</b>	
<b>Product Code</b>	<b>N3805</b>
<b>Chemical Name / Grade</b>	<b>Nitric Acid 68-70% / Reagent ACS</b>
<b>Chemical Formulation / CAS#</b>	<b>HNO<sub>3</sub> / CAS# 7697-37-2</b>
<b>Appearance</b>	<b>Clear liquid</b>
<b>Harmonization Code</b>	<b>2808.00.0000</b>
<b>CHEMICAL ANALYSIS / SPECIFICATIONS</b>	

<b>Specifications</b>	
<b>Assay</b>	<b>68.0 – 70.0 w/w %</b>
<b>Test Description</b>	<b>Min / Max</b>
<b>Aluminum</b>	<b>&lt;= 0.2 ppm</b>
<b>Arsenic (As)</b>	<b>&lt;= 0.004 ppm</b>
<b>Boron (B)</b>	<b>&lt;= 0.1 ppm</b>
<b>Calcium (Ca)</b>	<b>&lt;= 0.2 ppm</b>
<b>Chloride</b>	<b>&lt;= 0.08 ppm</b>
<b>Chromium (Cr)</b>	<b>&lt;= 0.1 ppm</b>
<b>Color</b>	<b>&lt;= 10 APHA</b>
<b>Copper (Cu)</b>	<b>&lt;= 0.05 ppm</b>
<b>Gold (Au)</b>	<b>&lt;= 0.3 ppm</b>
<b>Heavy Metals (as Pb)</b>	<b>&lt;= 0.2 ppm</b>
<b>Iron (Fe)</b>	<b>&lt;= 0.2 ppm</b>
<b>Lead (Pb)</b>	<b>&lt;= 0.1 ppm</b>
<b>Magnesium (Mg)</b>	<b>&lt;= 0.3 ppm</b>
<b>Nickel (Ni)</b>	<b>&lt;= 0.05 ppm</b>
<b>Phosphate (PO<sub>4</sub>)</b>	<b>&lt;= 0.2 ppm</b>
<b>Potassium (K)</b>	<b>&lt;= 0.3 ppm</b>
<b>Residue After Ignition</b>	<b>&lt;= 2 ppm</b>
<b>Sodium (Na)</b>	<b>&lt;= 0.3 ppm</b>
<b>Sulfate (SO<sub>4</sub>)</b>	<b>&lt;= 0.5 ppm</b>
<b>Tin (Sn)</b>	<b>&lt;= 0.3 ppm</b>
<b>Titanium (Ti)</b>	<b>&lt;= 0.3 ppm</b>
<b>Zinc (Zn)</b>	<b>&lt;= 0.3 ppm</b>

This product is suitable for use in applications where the grade indicated above is required.

## PREPARATION DATE (MM/DD/YY)

Original 0.0      10/19/2016: STN

Revision

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.