



**Graver Technologies**

**Quality Department**

**GRAVEX<sup>®</sup>**  
**GR 3-15**  
**HYDROGEN/HYDROXIDE**  
**FORMS**

<b>SPEC NO</b>	GTS-315-S
<b>REV NO</b>	1
<b>DATE</b>	April 19, 2004
<b>QA APPROVAL</b>	<i>Keith Platoff</i>

**PROPERTIES**

Resin Type

Functionality

Matrix

Cation : Anion Ratio

Total Exchange Capacity

Percent of Sites

Particle Size

Metals (mg/dry kg)

Shipping Weight

**SPECIFICATIONS**

Strongly Acidic Cation Exchange Resin

Strongly Basic Anion Exchange Resin

Sulfonic Acid

Quaternary Ammonium

Styrene-Divinylbenzene

3:1 Volume

Cation 1.9 meq/mL (min)

Anion 1.2 meq/mL (min)

99% Hydrogen (min)

97% Hydroxide (min)

0.5% Chloride (max)

2 % plus 16 mesh (max)

2% minus 40 mesh (max)

0.5% minus 50 mesh (max)

50 Sodium (max)

50 Iron (max)

10 Copper (max)

47 lbs/cu. ft. (~750 g/L)