



**Graver Technologies**

**Quality Department**

**GRAVEX GR 2-0 N  
HYDROGEN FORM  
NUCLEAR GRADE**

<b>SPEC NO</b>	GTS-20H-N
<b>REV NO</b>	2
<b>DATE</b>	June 23, 2006
<b>QA APPROVAL</b>	<i>Keith Platoff</i>

**PROPERTIES**

Resin Type  
 Functionality  
 Matrix  
 Total Exchange Capacity  
 Conversion  
 Particle Size

**SPECIFICATIONS**

Strongly Acidic Gel Cation Exchange Resin  
 Sulfonic Acid  
 Styrene-Divinylbenzene  
 2 meq/mL (min)  
 99% Hydrogen (min)  
 5 % plus 16 mesh (max)  
 5 % minus 40 mesh (max)  
 0.5% minus 50 mesh (max)  
 Friability  
 350 g/bead average (min)  
 5% <200g/bead (max)

Metals (mg/dry kg)

(max)

<u>Na</u>	<u>Fe</u>	<u>Cu</u>	<u>Pb</u>	<u>Al</u>	<u>Ca</u>	<u>Mg</u>	<u>K</u>	<u>Zn</u>	<u>SiO<sub>2</sub></u>
50	50	10	10	50	50	50	50	50	50

Water Extractables

0.1%

(max)

Shipping Weight

50 lbs/ft<sup>3</sup> (801 g/L)