



Graver Technologies

Quality Department

**GRAVEX GR 2-1 N
HYDROGEN FORM
NUCLEAR GRADE**

SPEC NO	GTS-21H-N
REV NO	1
DATE	July 10, 2001
QA APPROVAL	<i>Keith Platoff</i>

PROPERTIES

Resin Type
 Functionality
 Matrix
 Total Exchange Capacity
 Conversion
 Particle Size
 Whole Uncracked Bead
 Whole Cracked Bead
 Friability

SPECIFICATIONS

Strongly Acidic Gel Cation Exchange Resin
 Sulfonic Acid
 Styrene-Divinylbenzene
 1.9 meq/mL (min)
 99% Hydrogen (min)
 5% plus 16 mesh (max)
 5% minus 40 mesh (max)
 0.5% minus 50 mesh (max)
 95% (min)
 5% (max)
 350 g/bead average (min)
 5% <200g/bead (max)

Metals (mg/dry kg)

<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>SiO₂</u>
50	50	10	10	50	50	50	50	50	50

Water Extractables 0.1% (max)
 Shipping Weight 50 lbs/ft³ (801 g/L)