



Graver Technologies

Quality Department

**GRAVEX GR 1-0 C
HYDROXIDE FORM
CONDENSATE GRADE**

SPEC NO	GTS-10-C
REV NO	1
DATE	January 28, 2002
QA APPROVAL	<i>Keith Platoff</i>

PROPERTIES

Resin Type
 Functionality
 Matrix
 Total Exchange Capacity
 Percent of Sites
 Particle Size
 Whole Uncracked Bead
 Whole Cracked Bead
 Friability

SPECIFICATIONS

Strongly Basic Type 1 Gel Anion Exchange Resin
 Quaternary Ammonium
 Styrene-Divinylbenzene
 1.2 meq/mL (min)
 97% Hydroxide (min)
 3% Carbonate (max)
 0.5% Chloride (max)
 2% plus 16 mesh (max)
 2% 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) (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>SiO₂</u>
50	50	10	10	50	50	50	50	50	50

Water Extractables 0.1% (max)

Shipping Weight 41 lbs/ft³ (657 g/L)