



Graver Technologies

Quality Department

**GRAVEX<sup>®</sup>**  
**GR 7-99 N**  
**LITHIUM-7 FORM**

SPEC NO	GTS-799-N
REV NO	1
DATE	May 7, 2004
QA APPROVAL	<i>Keith Platoff</i>

**PROPERTIES**

**SPECIFICATIONS**

Resin Type

Strongly Acidic Cation  
Exchange Resin

Functionality

Sulfonic Acid

Matrix

Styrene-Divinylbenzene

Total Exchange Capacity

1.6 meq/mL (Lithium-7 Form) (min)

Percent of Sites

99% Lithium-7 (min)

Particle Size

5 % plus 16 mesh (max)

5% minus 40 mesh (max)

0.5% minus 50 mesh (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

Shipping Weight

50 lbs/cu. ft. (801 g/L)