



Graver Technologies

## Product Specification

**GRAVEX® GR-2-0 NG**  
**Nuclear Grade**  
**Hydrogen**

Spec No.	GTS-20-NG
Rev No.	2
Date	November 3, 2016

### Properties

### Limits

Resin Type	Strongly Acidic Gel Cation Exchange Resin	
Functionality	Sulfonic Acid	
Matrix	Styrene Divinylbenzene	
Total Exchange Capacity	2 meq/mL (Cation)	(min)
Ionic Conversion	99% Hydrogen	(min)
Particle Size	5% plus 16 mesh (~1,190 µm)	(max)
	5% minus 40 mesh (~420 µm)	(max)
	0.5% minus 50 mesh (~300 µm)	(max)
Friability	500 g/bead, avg	(min)
	95% >200 g/bead	(min)
Whole Bead	95%	(min)
Metals (mg/dry kg)		
Aluminum	50	(max)
Calcium	50	(max)
Copper	10	(max)
Iron	50	(max)
Lead	10	(max)
Magnesium	50	(max)
Potassium	50	(max)
Sodium	50	(max)
Zinc	50	(max)