



Graver Technologies

Product Specification

GRAVEX[®] GR-2-0 US NG UPS Nuclear Grade Hydrogen

Spec No.	GTS-20-US-NG
Rev No.	2
Date	July 12, 2017

Properties	Limits
Resin Type	Strongly Acidic Gel Cation Exchange Resin
Functionality	Sulfonic Acid
Matrix	Styrene Divinylbenzene
Total Exchange Capacity	2.0 meq/mL (min)
Water Retention Capacity	45 - 51%
Ionic Conversion	99% Hydrogen (min)
Particle Size	1.2 Uniformity Coefficient (max) 90% 0.60 - 0.70 mm (min)
Friability	500 g/bead, avg (min) 95% >200 g/bead (min)
Whole Uncracked Beads	99% (min)
Metals (mg/dry kg)	
Aluminum	40 (max)
Calcium	50 (max)
Cobalt	30 (max)
Copper	10 (max)
Iron	50 (max)
Lead	10 (max)
Magnesium	50 (max)
Mercury	20 (max)
Potassium	40 (max)
Sodium	25 (max)
Zinc	50 (max)