



**PRODUCT DATA SHEET - SPECIALTY FERTILIZERS**

**ULTRASOL K ACID** **Agricultural Grade - Crystallized**  
(Contains an Anticaking Agent)

<b>GENERAL DESCRIPTION</b>		
NPK FORMULATION		13.8 - 1.8 - 43.8
APPEARANCE		White Crystals

<b>CHEMICAL SPECIFICATIONS</b>				
<b>GUARANTEED</b>				
NITROGEN	N	%	13.8	min
PHOSPHORUS	P <sub>2</sub> O <sub>5</sub>	%	1.8	min
POTASSIUM	K <sub>2</sub> O	%	43.8	min
CHLORIDE	Cl	%	0.2	max

<b>CHEMICAL SPECIFICATIONS</b>				
<b>TYPICAL</b>				
NITROGEN	N	%	13.9	
POTASSIUM	as K <sub>2</sub> O	%	44.0	
SODIUM	Na	%	< 0.20	
PERCHLORATE	ClO <sub>4</sub>	%	< 0.005	
INSOLUBLES		%	< 0.10	
MOISTURE		%	< 0.20	
ARSENIC	As	ppm	< 5	
CADMIUM	Cd	ppm	< 5	
CHROMIUM	Cr	ppm	< 5	
MERCURY	Hg	ppm	< 1	
LEAD	Pb	ppm	< 10	

<b>TYPICAL SIEVE ANALYSIS</b>			
(CUMULATIVE %)			
US Standard Sieve	Tyler	mm	
+40	+35	0.42	18%
+50	+48	0.30	42%
+60	+60	0.25	54%
+100	+100	0.15	85%
+200	+200	0.08	98%

Note: Measured at plant site. Particle size can be affected by handling and transportation

<b>PHYSICAL PROPERTIES</b>		
SOLUBILITY (in water at 20 °C)		≈ 30 g/ 100 cm <sup>3</sup>
DENSITY (Bulk)	Free Fall	1.17 ton (metric) /m <sup>3</sup>
	Tapped	1.29 ton (metric) /m <sup>3</sup>

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