



**PRODUCT DATA SHEET - SPECIALTY FERTILIZERS**

QROP KN	Agricultural Grade - Prilled
(Contains an Anticaking Agent)	

<b>GENERAL DESCRIPTION</b>	
CHEMICAL FORMULA	Not Applicable
APPEARANCE	Pink Prills

<b>CHEMICAL SPECIFICATIONS</b>			
<b>GUARANTEED</b>			
NITROGEN (TOTAL)	N	%	12 min
POTASSIUM	as K <sub>2</sub> O	%	46.0 min
CHLORIDE	Cl	%	2.0 max

<b>CHEMICAL SPECIFICATIONS</b>			
<b>TYPICAL</b>			
NITROGEN	N	%	12.8
POTASSIUM	as K <sub>2</sub> O	%	46.3
SULFATE	SO <sub>4</sub>	%	2.0
SODIUM	Na	%	0.4
MAGNESIUM	Mg	%	< 0.3
CALCIUM	Ca	%	< 0.1
BORON	B	%	< 0.1
IODATE	IO <sub>3</sub>	%	< 0.01
PERCHLORATE	ClO <sub>4</sub>	%	< 0.005
NITRITE	NO <sub>2</sub>	%	< 1.0
INSOLUBLES		%	1.0
HEAVY METALS	as Pb	ppm	< 5

<b>SCREEN ANALYSIS</b>			
<b>(CUMULATIVE %)</b>			
SIZE GUIDE NUMBER (SGN)			270 - 290
UNIFORMITY INDEX			50
US Standard Sieve	Tyler	mm	
+ 5	+ 5	4.00	1%
+ 6	+ 6	3.35	11%
+ 7	+ 7	2.81	42%
+ 8	+ 8	2.36	79%
+ 10	+ 9	2.00	92 - 96%
+ 12	+ 12	1.4	99%
- 18	- 16	< 1.0	< 1%

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

<b>PHYSICAL PROPERTIES</b>	
DENSITY (Bulk)	Free Fall
	~1.26 ton (metric) /m <sup>3</sup>
	Tapped
	~1.33 ton (metric) /m <sup>3</sup>
ANGLE OF REPOSE	27° - 29°
SPECIFIC GRAVITY	2.110

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