



PRODUCT DATA SHEET - SPECIALTY FERTILIZERS

QROP KS

Agricultural Grade - Prilled

(Contains an Anticaking Agent)

GENERAL DESCRIPTION	
CHEMICAL FORMULA	Not Applicable
APPEARANCE	Pink Prills

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

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

SCREEN ANALYSIS			
(CUMULATIVE %)			
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

PHYSICAL PROPERTIES			
DENSITY (Bulk)	Free Fall		~1.26 ton (metric) /m ³
	Tapped		~1.33 ton (metric) /m ³
ANGLE OF REPOSE			28° - 30°
SPECIFIC GRAVITY			2.110

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