



PRODUCT DATA SHEET - SPECIALTY FERTILIZERS

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| QROP KS | Agricultural Grade - Prilled (Contains an Anticaking Agent) |
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| GENERAL DESCRIPTION | |
| CHEMICAL FORMULA | Not Applicable |
| APPEARANCE | Pink Prills |

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

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|--------------------------------|---------------------|-----|---------|
| 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 Tapped |
| | ~1.26 ton (metric) /m ³ ~1.33 ton (metric) /m ³ |
| ANGLE OF REPOSE | 28° - 30° |
| SPECIFIC GRAVITY | 2.110 |

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