



TECHNICAL SPECIFICATION

Potassium Nitrate – Fertilizer Grade, Granules (13-0-45)

<u>TESTS</u>	<u>SPECIFICATION</u>	
<u>Principal Chemical Composition</u> (%)	<u>TYPICAL</u>	<u>GUARANTEE</u>
<ul style="list-style-type: none"> • Nitrogen • Nitric Nitrogen(As N-NO3) • Water Soluble Potassium (As K2O) • Water Soluble Potassium (As K) • pH(105 Solution) • Moisture (1Hr,105 C) • Insoluble • Bulk Density 	<p style="text-align: center;">13.3%</p> <p style="text-align: center;">13.2%</p> <p style="text-align: center;">45.0%</p> <p style="text-align: center;">38.2%</p> <p style="text-align: center;">10.7%</p> <p style="text-align: center;">0.02%</p> <p style="text-align: center;">1.2 G/ml</p>	<p style="text-align: center;">12.8% min</p> <p style="text-align: center;">12.8% min</p> <p style="text-align: center;">45.0% min</p> <p style="text-align: center;">37.4% min</p> <p style="text-align: center;">11% max</p> <p style="text-align: center;">0.1% mx</p>
<p>Particle Size</p> <ul style="list-style-type: none"> • On 6US mesh (>3.35mm) • Through 12 US mesh (<1.7mm) 	<p>Typical</p> <p style="margin-left: 40px;">8%</p> <p style="margin-left: 40px;">4%</p>	
<u>Packing</u>	<p>Coated woven polypropylene Bags: 25 & 50 Kg. Polypropylene Maxibags with Polyethylene Liner: 500 & 1.000 Kg (including discharge spout and lifting loops)</p>	