



K-MAG[®] Granular 0-0-22

CHEMICAL ANALYSIS

Component	Symbol	Typical %	Guarantee %
Potassium Oxide Equivalent	K ₂ O	22.1	22.0 (min.)
Potassium	K	18.3	
Sodium	Na	0.3	
Calcium	Ca	0.2	
Magnesium	Mg	11.3	10.8 (min.)
Sulfur	S	22.4	22.0 (min.)
Chloride	Cl	1.5	2.5 (max.)
Water Insoluble	—	1.0	
Moisture at 105°C	H ₂ O	0.05	

PARTICLE SIZE DISTRIBUTION CUMULATIVE %

Tyler Mesh	US Mesh	Opening (mm)	Typical Range	Typical
6	6	3.350	20-30	25.0
8	8	2.360	45-60	55.0
10	12	1.700	75-85	80.0
14	16	1.180	96-99	97.5
20	20	0.850	98-100	99.0

PHYSICAL PROPERTIES

TYPICAL

Bulk Density (Loose)	
- lb/cu foot	94
- kg/cu meter	1506
Angle of Repose	37 Degrees

OTHER SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	250
Uniformity Index (UI)	33

Product analyses are typical as tested on a composite sample. Grab samples or individual shipment analyses may vary from typical values. Handling and transportation may affect analysis of the delivered product.