



K-MAG[®] Standard 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	0.1	
Magnesium	Mg	11.3	10.8 (min.)
Sulfur	S	22.5	22.0 (min.)
Chloride	Cl	1.4	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
10	12	1.700	0-5	1
14	16	1.180	4-20	13
20	20	0.850	20-65	41
28	30	0.600	40-85	65
35	40	0.425	65-95	81
48	50	0.300	80-95	90
65	70	0.212	90-100	96

PHYSICAL PROPERTIES

TYPICAL

Bulk Density (Loose)	
- lb/cu foot	91
- kg/cu meter	1458
Angle of Repose	34 Degrees

OTHER SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	85
Uniformity Index (UI)	15

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.