



KCl White Fine-Untreated

CHEMICAL ANALYSIS

Component	Symbol	Typical %
Potassium Oxide Equivalent	K ₂ O	62.50
Potassium Chloride	KCl	98.83
Potassium	K	51.88
Sodium Chloride	NaCl	0.90
Moisture at 130° C	H ₂ O	0.050
Chloride	Cl	47.60
Sodium	Na	3500 PPM
Calcium	Ca	200 PPM
Magnesium	Mg	100 PPM
Bromide	Br	400 PPM
Sulfate	SO ₄	400 PPM
Water Insoluble	—	100 PPM

PARTICLE SIZE DISTRIBUTION CUMULATIVE %

Tyler Mesh	US Mesh	Opening (mm)	Typical Range	Typical
20	20	0.850	0-2	0.2
28	30	0.600	0-20	3.0
35	40	0.425	5-50	14
48	50	0.300	35-85	60
65	70	0.212	50-95	72
100	100	0.150	80-100	92

PHYSICAL PROPERTIES TYPICAL

Bulk Density (Loose)	
- lb/cu foot	76
- kg/cu meter	1169
Angle of Repose	27 Degrees

OTHER SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	30
Uniformity Index (UI)	27

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.

Note: The term "Untreated" in Untreated White Fine references that the Untreated White Fine product contains no anticaking agent.

KCl or Potassium Chloride is also referred to as Muriate of Potash. All Bill of Ladings and Registered Labels for this product will state "Muriate of Potash White Fine Untreated 0-0-62."