



TECHNICAL SPECIFICATION

STANDARD REFERENCE SHEET · ENGLISH

Potassium

Potassium

Reference values from the existing The Brokers catalogue · English

1. Typical Chemical Analysis

PARAMETER	REFERENCE
Potassium Chloride (KCl)	96.5%
Potassium Oxide (K ₂ O)	61.0% (Guaranteed minimum: 60%)
Sodium Chloride (NaCl)	2.7%
Moisture (H ₂ O)	0.03%
Calcium (Ca)	0.04%
Chloride (Cl)	47.5%
Magnesium (Mg)	0.04%
Potassium (K)	50.6%
Sodium (Na)	1.1%
Sulfate (SO ₄)	0.07%
Insoluble in water	0.5%

2. Particle Size Distribution (SGN 80 - 120)

PARAMETER	REFERENCE
Retained in mesh 10 (1,700 mm)	6% (Range: 0 - 30%)
Retained on mesh 14 (1,180 mm)	31% (Range: 10 - 55%)
Retained on mesh 20 (0.850 mm)	57% (Range: 20 - 85%)
Retained on mesh 28 (0.600 mm)	78% (Range: 35 - 100%)
Retained on 35 mesh (0.425 mm)	89% (Range: 55 - 100%)
Retained on mesh 48 (0.300 mm)	95% (Range: 70 - 100%)
Retained on 65 mesh (0.212 mm)	98% (Range: 72 - 100%)
Passing through mesh 65	2% (Range: 0 - 28%)

3. Physical Properties

REFERENCE NOTE

These are reference values, not a lot-specific certificate of analysis, certification or supply commitment. Confirm the current supplier specification, lot documents and destination requirements for each transaction. If your requirements differ, share the desired parameters, volume and destination for assessment.



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PARAMETER	REFERENCE
Bulk density	65–84 lb/ft³
Bulk density	1.041–1.346 kg/m³
Angle of repose	35 degrees

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