



BlueSpeed

Potassium Nitrate

Parameter	Standard	Result
Date of Manufacturing	2023-06-08	2023-06-08
Date of Analysis	2023-06-08	2023-06-08
Quantity	120 tons	120 tons
Basis of Inspection	GB1918-2011	GB1918-2011
KNO3 (Potassium Nitrate)	99.4% min	99.52%
H2O (Water)	0.15% max	0.08%
Water insoluble	0.03% max	0.03%
Cl-	0.02% max	0.02%
SO42-	0.1% max	0.01%
CO32-	White crystal	White crystal
NH4+	--	--
Moisture absorption	0.25% max	0.21%
Origin	China	China

Packing: 25kg bag, 1t/pallet, 20t/20ft

Lead time: within 30 days after receipt of payment

- Historically, potassium nitrate was used in nitric acid production.
- Current uses include:
 - Fertilizers
 - Propellant for prototype rockets
 - Smoke bombs production
 - Food preservation (assigned the number E249)
 - Main ingredient in stump removal products
 - Ice cream production
 - Toothpaste for sensitive teeth
 - Heat storage medium in solar thermal power generation

The product offered by us is industrial grade potassium nitrate.