

MANUFACTURER'S NAME AND ADDRESS

**AZOT Branch of Uralchem JSC in Berezniki**  
 Churtanskoe Shosse, 75, Berezniki  
 Perm Krai, 618400, Russia  
 Tel.: +7 (3424) 29-82-09  
 Fax: +7 (3424) 26-48-72  
 E-mail: azot@uralchem.com

# Potassium Nitrate Grade B

**APPLICATION:**

For the production of smoky powders and special mixtures, for discoloration of crystal glasses, for hardening of glass products.

**PACKAGING AND TRANSPORTATION:**

Available in bags 25 kg.  
 Carried by transport of all types, in covered vehicles in accordance with the rules of transportation of dangerous goods applicable to this type of transport.

**STORAGE:**

Store in a closed warehouse of the shipper (consignee) in the manufacturer's packaging. Shall not be stored together with flammable substances, mineral acids, potassium cyanide, rhodanide and hexacyanoferrate.

Appearance	Crystals*
Potassium Nitrate (KNO <sub>3</sub> )	
- on dry basis, %, min	99.90
- in terms of Nitrogen (N), %, min	13.7
Moisture, %, max	0.20
Chlorides in terms of NaCl, %, max	0.017
Insolubles, %, max	0.01
Substances oxidized by potassium permanganate (KMnO <sub>4</sub> ), as KNO <sub>2</sub> , on dry basis, %, max	0.01
Calcium and magnesium salts in terms of Ca, %, max	0.002
Iron (Fe), %, max	0.005
Carbonates in terms of K <sub>2</sub> CO <sub>3</sub> , %, max	0.01

\* Available in shades of white to yellowish-grey

\*\* In potassium nitrate grade B, intended for clarification of crystal glass, the mass fraction of chromium shall not exceed 0.0005 %.