

**STATE CONCERN  
"TURKMENCHEMISTRY"**

***CHEMICAL PLANT "HAZAR"***

**POTASSIUME IODIDE**  
=====

**GOST 4232-74  
FORMULA KI**

**Technical Requirements**

| <b>The name of indicators</b>  | <b>The Norm Brand (analytical grade)</b> | <b>The Norm Brand (h.)</b> |
|--|--|----------------------------|
| 1. Mass fraction of potassium iodide (KJ), %, not less                           | 99,00                                    | 99,00                      |
| 2. Mass fraction of water-insoluble substances, %, no more                       | 0,010                                    | 0,020                      |
| 3. Mass fraction of nitrogen (N) from nitrates, nitrites and ammonia, %, no more | 0,001                                    | 0,002                      |
| 4. Mass fraction of iodine and iodates (JO <sub>3</sub> ), %, not more           | 0,005                                    | 0,005                      |
| 5. Mass fraction of sulfate (SO <sub>4</sub> ), %, no more                       | 0,005                                    | 0,0100                     |
| 6. Mass fraction of heavy metals (Pb), %, no more                                | 0,0005                                   | 0,0010                     |
| 7. Mass fraction of iron (Fe), %, no more  | 0,0003                                   | 0,0010                     |
| 8. pH of a 5% solution of the drug   | 6-9                                      | 6-9                        |

**TRANSPORT INFORMATION**

**APPLICATION**

Applied in the pharmaceutical industry for the production of drugs for the compounds of iodine and iodized salt.

Packing: plastic bags for 1 to 5 kg.

Shelf life: 3 years.

