

## Technical data sheet



Product name: **Potassium iodide**

Grade: **ACS**

Chemical formula: KI

Molar mass: 166.01 g/mol

**Synonyms:** potassiumiodide; Kali iodide; Potassium monoiodide

| General information        |                               |
|----------------------------|-------------------------------|
| Cas- No.                   | 7681-11-0                     |
| Ec-No.                     | 231-659-4                     |
| Appearance                 | colorless or white solid      |
| Boiling point              | 1330°C                        |
| Melting point              | 686°C                         |
| Flash point                | N/A                           |
| Spec.density               | 3.13 g/cm <sup>3</sup> (20°C) |
| Vapour pressure            | N/A                           |
| Solub. In H <sub>2</sub> O | 1430 g/l (20°C)               |
| Storage temp               | +5° C to +30° C               |
| R:                         | N/A                           |
| S:                         | 22-36/37-45                   |

| Specification        |                           |
|----------------------|---------------------------|
| Assay                | 99-101%                   |
| Identity             | conforms                  |
| Appearance           | conforms                  |
| Insoluble matter     | ≤0.005%                   |
| Loss on drying       | ≤0.2%                     |
| Chloride and bromide | ≤0.01%                    |
| pH value             | 6.0–9.2 (5%, water, 25°C) |
|                      |                           |
|                      |                           |
|                      |                           |
|                      |                           |
|                      |                           |

**Symbol:**



**packaging:**

| Available Pack | 1Kg | 5Kg | 10Kg |
|----------------|-----|-----|------|
| P.E            | *   | *   | *    |
| GLASS          | -   | -   | -    |



دفتر مرکزی: تهران - خیابان شهید بهشتی - خیابان میرعماد - کوچه ۱۴ - ساختمان شماره ۳  
 Address : #14 ,4th Floor ,No3, Miremad Street, Beheshti Ave  
 TEL: 88530442-88530443  
 www.armansina.com