

Potassium Iodide

Features of China Potassium Iodide

- Product Name: Potassium iodide
- Chemical Formula: KI
- CAS No.: 7681-11-0
- Dangerous Grade: NO

Technical Data of Potassium Iodide

ITEMS	SPECIFICATION	RESULTS
Assay	≥99.5%	99.6%
Heavy Metals	≤0.001%	0.001%
Iodate	≤0.002%	0.0015%
Nitrite, Nitrate and ammonia	To pass test USP	Passes test
Thiosulfate and barium	To pass test USP	Passes test
Alkalinity	To pass test USP	Passes test
Loss on drying at 105°C	≤1.0%	0.4%
Residual solvents	To pass test USP	Passes test

Package and Storage:

- 25kg/drum
- Store in a cool, dry place. Keep container closed when not in use

Application /Application Industries:

- Pharmaceuticals
- Feed additives

KI (potassium iodide) is a salt of stable (not radioactive) iodine that can help block radioactive iodine from being absorbed by the thyroid gland, thus protecting this gland from radiation injury.

Potassium iodide is a chemical compound, medication, and dietary supplement. As a medication it is used to treat hyperthyroidism, in radiation emergencies, and to protect the thyroid gland when certain types of radiopharmaceuticals are used. In the developing world it is also used to treat skin sporotrichosis and phycomycosis. As a supplement it is used in those who have low intake of iodine in the diet. It is given by mouth.

Used as a feed additive. As a component of thyroxine, iodine participates in the metabolism of all substances in livestock and maintains the heat balance in the body. Iodine is an essential hormone for the growth, reproduction and lactation of livestock and poultry. It can improve the growth performance of livestock and poultry and promote the health of the body. If the body of the livestock is deficient



in iodine, it will lead to metabolic disorders, disorders of the body, thyroid enlargement, affecting nerve function and the coloration of the coat and the digestion and absorption of the feed, eventually leading to slow growth. The food industry is used as a nutritional supplement (iodine enhancer).

NCCM Potassium Iodide manufacturer support various industries with superior quality products, including lubricants and metal-processing, personal care, C.A.S.E, pharmaceutical and pesticide, oil and water treatment, flavors and fragrances, organic & inorganic chemicals, ect.

The mission in NCCM is to be a bridge connecting dreams between China market and our partner in other countries, on the principle of equality, mutual benefit and win-win cooperation.