

Name : Potassium iodide

Another
name :

Grade : Special Grade

Volume : 25g

Specification number : Ya-003

Issue number : AGJ20

Code number : 16003712

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Crystals or crystalline powder	JIS K8913-2006
2	Appearance (Hue)	-	White	
3	Assay (KI)	%	min. 99.5	
4	Solubility in water	-	Clear	
5	Loss on drying (110°C)	%	max. 0.2	
6	pH (50g/L,25°C)	-	6.0 ~ 8.0	
7	Chlorine compounds and bromine compounds (as Cl)	%	max. 0.01	
8	Iodate or substances reducing iodine	-	(a) Iodate: left stand for 1 minutue ... blue does not appear (b)Substances reducing iodine : left stand for 1 minutue ... keep blue	
9	Sulfate (SO ₄)	%	max. 0.001	
10	Phosphate (PO ₄)	%	max. 0.001	
11	Nitrogen compounds (as N)	%	max. 0.001	
12	Heavy metals (as Pb)	ppm	max. 5	
13	Arsenic (As)	ppm	max. 0.1	
14	Barium (Ba)	%	max. 0.001	
15	Calcium (Ca)	%	max. 0.001	
16	Iron (Fe)	ppm	max. 3	
17	Magnesium (Mg)	%	max. 0.001	
18	Sodium (Na)	%	max. 0.02	
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remark

With revision of JIS,etc.a part of the above contents may be updated without prior notification.