

# Product Specification

Name : Potassium hydroxide

Another  
name :

Grade : EL

Volume : 500g

Specification number : EL-019-01

Issue number : BIK03

Code number : 51004285

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification
1	Appearance (Form)	-	Granular
2	Appearance (Hue)	-	White
3	Assay (KOH)	%	min. 85.0
4	Solubility in water	-	Colorless transparent
5	Chloride (Cl)	%	max. 0.005
6	Sulfate (SO <sub>4</sub> )	%	max. 0.002
7	Silicate (as SiO <sub>2</sub> )	%	max. 0.002
8	Phosphate (PO <sub>4</sub> )	ppm	max. 5
9	Aluminium (Al)	ppm	max. 10
10	Calcium (Ca)	ppm	max. 10
11	Iron (Fe)	ppm	max. 3
12	Magnesium (Mg)	ppm	max. 5
13	Sodium (Na)	%	max. 0.5
14	Nickel (Ni)	ppm	max. 10
15	Lead (Pb)	ppm	max. 5
16	Zinc (Zn)	ppm	max. 10
17	Nitrogen compounds (as N)	ppm	max. 10
18	Potassium carbonate (K <sub>2</sub> CO <sub>3</sub> )	%	max. 1.0
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