

Name : Potassium nitrate

Another name :

Grade : Special Grade

Volume : 20kg

Specification number : Sa-122

Issue number : CDK02

Code number : 16005499

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 K8548-2023
2	Appearance (Hue)	-	Colorless or white	
3	Assay (KNO ₃)	mass %	min. 99.0	
4	Solubility in water	-	Clear	
5	pH (50g/L,25°C)	-	5.0 ~ 8.0	
6	Chloride (Cl)	mass %	max. 0.001	
7	Sulfate (SO ₄)	mass %	max. 0.003	
8	Phosphate (PO ₄)	mass ppm	max. 5	
9	Ammonium (NH ₄)	mass %	max. 0.001	
10	Iodate or nitrite	-	Hexane layer does not turn red or purple (IO ₃ : max.5ppm)	
11	Calcium (Ca)	mass %	max. 0.001	
12	Copper (Cu)	mass ppm	max. 2	
13	Iron (Fe)	mass ppm	max. 3	
14	Sodium (Na)	mass %	max. 0.005	
15	Lead (Pb)	mass ppm	max. 3	
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				

remark

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