

Name : Iron(Ⅲ) chloride hexahydrate

Another name : Ferric chloride hexahydrate

Grade : Special Grade

Volume : 500g

Specification number : A-089

Issue number : CEK01

Code number : 09000575

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Deliquescent crystalline mass	JIS K8142-2024
2	Appearance (Hue)	-	Yellow or brown	
3	Assay (FeCl ₃ ·6H ₂ O)	mass %	min. 99.0	
4	Solubility in dil.HCl	-	Within slightly turbidity	
5	Acid (as HCl)	mass %	max. 0.2	
6	Oxychloride	-	Within slightly turbidity	
7	Nitrogen compounds (as N)	mass %	max. 0.003	
8	Phosphate (PO ₄)	mass %	max. 0.005	
9	Sulfate (SO ₄)	mass %	max. 0.005	
10	Free chlorine	-	to pass test	
11	Arsenic (As)	mass ppm	max. 5	
12	Calcium (Ca)	mass %	max. 0.005	
13	Copper (Cu)	mass %	max. 0.005	
14	Iron(Ⅱ)(Fe ²⁺)	mass %	max. 0.002	
15	Potassium (K)	mass %	max. 0.005	
16	Magnesium (Mg)	mass %	max. 0.005	
17	Molybdenum (Mo)	mass %	max. 0.05	
18	Sodium (Na)	mass %	max. 0.05	
19	Lead (Pb)	mass %	max. 0.005	
20	Zinc (Zn)	mass %	0.005 以下	
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

remark

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