

Name : Ammonium iron( II ) sulfate hexahydrate

Another name : Mohr's salt, Ferrous ammonium sulfate

Grade : Special Grade

Volume : 500g

Specification number : Ra-028

Issue number : CEK01

Code number : 09000505

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 K8979-2024
2	Appearance (Hue)	-	Bluish green	
3	Assay [Fe(NH <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O]	mass %	min. 99.0	
4	Solubility in dil.H <sub>2</sub> SO <sub>4</sub>	-	Clear	
5	pH (50g/L,25°C)	-	3.0 ~ 5.0	
6	Chloride (Cl)	mass %	max. 0.001	
7	Phosphate (PO <sub>4</sub> )	mass %	max. 0.001	
8	Calcium (Ca)	mass %	max. 0.01	
9	Copper (Cu)	mass %	max. 0.001	
10	Iron(III)(Fe <sup>3+</sup> )	mass %	max. 0.02	
11	Potassium (K)	mass %	max. 0.01	
12	Magnesium (Mg)	mass %	max. 0.01	
13	Manganese (Mn)	mass %	max. 0.02	
14	Sodium (Na)	mass %	max. 0.01	
15	Lead (Pb)	mass %	max. 0.002	
16	Zinc (Zn)	mass %	max. 0.003	
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remark

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