

Name : Manganese(II) sulfate pentahydrate

Another
name :

Grade : Special Grade

Volume : 500g

Specification number : Ra-043

Issue number : BCK16

Code number : 13000875

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 K8997-2012
2	Appearance (Hue)	-	Pale crimson	
3	Assay (MnSO ₄ ·5H ₂ O)	%	min. 99.0	
4	Solubility in water	-	Clear	
5	pH (50g/L,25°C)	-	4.0 ~ 6.5	
6	Chloride (Cl)	%	max. 0.001	
7	Calcium (Ca)	%	max. 0.005	
8	Copper (Cu)	ppm	max. 5	
9	Iron (Fe)	%	max. 0.001	
10	Potassium (K)	%	max. 0.002	
11	Magnesium (Mg)	%	max. 0.005	
12	Sodium (Na)	%	max. 0.005	
13	Nickel (Ni)	%	max. 0.002	
14	Lead (Pb)	%	max. 0.001	
15	Zinc (Zn)	%	max. 0.001	
16	Substances reducing permanganate	-	Keep red for 1 minute(O:max.5ppm)	
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With revision of JIS,etc.a part of the above contents may be updated without prior notification.