

Name : Citric acid monohydrate (Crystals)

Another
name :

Grade : Special Grade

Volume : 500g

Specification number : Ka-046

Issue number : AGM19

Code number : 03002965

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	JIS K8283-2006
2	Appearance (Hue)	-	White	
3	Assay (C ₆ H ₈ O ₇ ·H ₂ O)	%	min. 99.5	
4	Solubility in water	-	Clear	
5	Solubility in ethanol	-	Clear	
6	Residue on ignition (sulfate)	%	max. 0.02	
7	Chloride (Cl)	ppm	max. 5	
8	Phosphate (PO ₄)	%	max. 0.001	
9	Sulfur compounds (as SO ₄)	%	max. 0.005	
10	Oxalic acid (C ₂ H ₂ O ₄)	%	max. 0.01	
11	Substances darkened by H ₂ SO ₄	-	Not darker than colorimetric standard solution G	
12	Calcium (Ca)	%	max. 0.002	
13	Copper (Cu)	ppm	max. 1	
14	Iron (Fe)	ppm	max. 3	
15	Lead (Pb)	ppm	max. 1	
16	Zinc (Zn)	ppm	max. 1	
17				
18				
19				
20				
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.