

Product Specification

Name : Potassium dihydrogen phosphate

Another name : Monopotassium phosphate

Grade : First Grade

Volume : 500g

Specification number : Ra-051

Issue number : JIM02

Code number : 16004045

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	Applicable to JIS K9007-2014
2	Appearance (Hue)	-	White	
3	Assay (KH ₂ PO ₄)	%	min. 99.0	
4	Solubility in water	-	Within almost clear	
5	pH (50g/L,25°C)	-	4.2 ~ 4.6	
6	Chloride (Cl)	%	min. 0.005	
7	Nitrate	-	Keep blue (NO ₃ :max.abt.0.02%)	
8	Sulfate (SO ₄)	%	max. 0.01	
9	Heavy metals (as Pb)	%	max. 0.003	
10	Arsenic (As)	ppm	max. 3	
11	Calcium (Ca)	%	max. 0.05	
12	Iron (Fe)	%	max. 0.005	
13	Sodium (Na)	-	Even if yellow appears, it does not last	
14				
15				
16				
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