

Product Specification

Name : Potassium dihydrogen phosphate

Another name : Monopotassium phosphate

Grade : First Grade

Volume : 25kg

Specification number : Ra-051

Issue number : JIM02

Code number : 16008219

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	
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