

# Product Specification

Name : Phosphoric acid

Another  
name :

Grade : Special Grade

Volume : 3.5L

Specification number : Ra-049

Issue number : AGL24

Code number : 16008237

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Liquid	JIS K9005-2006
2	Appearance (Hue)	-	Colorless	
3	Assay (H <sub>3</sub> PO <sub>4</sub> )	%	min. 85.0	
4	Solubility in ethanol	-	Clear	
5	Volatile acid (as CH <sub>3</sub> COOH)	%	max. 0.001	
6	Chloride (Cl)	ppm	max. 2	
7	Nitrate	-	Keep red for 1 minute(O:max.5ppm)	
8	Sulfate (SO <sub>4</sub> )	%	max. 0.002	
9	Substances reducing permanganate(as H <sub>3</sub> PO <sub>3</sub> )	%	max. 0.005	
10	Arsenic (As)	ppm	max. 0.5	
11	Cadmium (Cd)	ppm	max. 5	
12	Copper (Cu)	ppm	max. 5	
13	Iron (Fe)	ppm	max. 5	
14	Potassium (K)	%	max. 0.005	
15	Manganese (Mn)	ppm	max. 5	
16	Sodium (Na)	%	max. 0.01	
17	Nickel (Ni)	ppm	max. 5	
18	Lead (Pb)	ppm	max. 5	
19	Zinc (Zn)	ppm	max. 5	
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remark

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