

Product Specification

Name : Phosphoric acid

Another
name :

Grade : EL-S

Volume : 3.5L

Specification number : EL-031-21

Issue number : CFI07

Code number : 51055907

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	
1	Appearance (APHA)	-	max. 10	
2	Assay	%	85.0 ~ 87.0	
3	Solubility in ethanol	-	Clear	
4	Volatile acid(as CH ₃ COOH)	ppm	max. 10	
5	Chloride (Cl)	ppm	max. 0.5	
6	Nitrate (NO ₃)	ppm	max. 0.5	
7	Sulfate (SO ₄)	ppm	max. 2	
8	Substances reducing permanganate(as H ₃ PO ₃)	ppm	max. 5	
9	Silver (Ag)	ppb	max. 30	
10	Aluminium (Al)	ppb	max. 50	
11	Arsenic (As)	ppb	max. 10	
12	Barium (Ba)	ppb	max. 20	
13	Calcium (Ca)	ppb	max. 100	
14	Chromium (Cr)	ppb	max. 50	
15	Copper (Cu)	ppb	max. 20	
16	Iron (Fe)	ppb	max. 100	
17	Potassium (K)	ppb	max. 100	
18	Lithium (Li)	ppb	max. 20	
19	Magnesium (Mg)	ppb	max. 20	
20	Manganese (Mn)	ppb	max. 20	
21	Sodium (Na)	ppb	max. 100	
22	Nickel (Ni)	ppb	max. 20	
23	Lead (Pb)	ppb	max. 30	
24	Antimony (Sb)	ppb	max. 500	
25	Strontium (Sr)	ppb	max. 20	
26	Zinc (Zn)	ppb	max. 30	
27	Small particles (≥0.5μm)	pieces/mL	max. 100	
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