

Product Specification

Name : Sulfuric acid

Another
name :

Grade : EL-S

Volume : 3.5L

Specification number : EL-030-16

Issue number : CFI07

Code number : 51055917

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	%	min. 96.0	
3	Residue on ignition	ppm	max. 1	
4	Chloride (Cl)	ppm	max. 0.1	
5	Nitrate (NO ₃)	ppm	max. 0.2	
6	Phosphate (PO ₄)	ppm	max. 0.1	
7	Ammonium (NH ₄)	ppm	max. 1	
8	Substances reducing permanganate (as SO ₂)	ppm	max. 1	
9	Silver (Ag)	ppb	max. 1	
10	Aluminium (Al)	ppb	max. 10	
11	Arsenic (As)	ppb	max. 5	
12	Boron (B)	ppb	max. 10	
13	Barium (Ba)	ppb	max. 5	
14	Calcium (Ca)	ppb	max. 10	
15	Cadmium (Cd)	ppb	max. 1	
16	Cobalt (Co)	ppb	max. 1	
17	Chromium (Cr)	ppb	max. 2	
18	Copper (Cu)	ppb	max. 2	
19	Iron (Fe)	ppb	max. 20	
20	Mercury (Hg)	ppb	max. 1	
21	Potassium (K)	ppb	max. 10	
22	Lithium (Li)	ppb	max. 1	
23	Magnesium (Mg)	ppb	max. 10	
24	Manganese (Mn)	ppb	max. 1	
25	Sodium (Na)	ppb	max. 20	
26	Nickel (Ni)	ppb	max. 2	
27	Lead (Pb)	ppb	max. 2	
28	Selenium (Se)	ppb	max. 15	
29	Silicon (Si)	ppb	max. 10	
30	Tin (Sn)	ppb	max. 10	
31	Strontium (Sr)	ppb	max. 1	
32	Zinc (Zn)	ppb	max. 5	
33	Small particles (≥0.5μm)	pieces/mL	max. 100	
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remark