

Product Specification

Name : Ethanol (99.5)

Another
name :

Grade : EL-S

Volume : 1L

Specification number : EL-006-13

Issue number : CFI07

Code number : 51055576

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 (C ₂ H ₅ OH)(GC)	%	min. 99.5	
3	Density (20°C)	g/cm ³	0.789 ~ 0.791	
4	Water	%	max. 0.2	
5	Residue on evaporation	ppm	max. 5	
6	Acid (as CH ₃ COOH)	ppm	max. 20	
7	Base (as NH ₃)	ppm	max. 1	
8	Aldehyde and ketone (as CH ₃ COCH ₃)	ppm	max. 10	
9	Methanol (CH ₃ OH)	ppm	max. 200	
10	Substances reducing permanganate	-	Not pale than colorimetric standard solution red	
11	Substances darkened by H ₂ SO ₄	-	Not color the liquid	
12	Aluminium (Al)	ppb	max. 20	
13	Arsenic (As)	ppb	max. 50	
14	Barium (Ba)	ppb	max. 10	
15	Calcium (Ca)	ppb	max. 20	
16	Cadmium (Cd)	ppb	max. 10	
17	Cobalt (Co)	ppb	max. 10	
18	Chromium (Cr)	ppb	max. 10	
19	Copper (Cu)	ppb	max. 50	
20	Iron (Fe)	ppb	max. 10	
21	Potassium (K)	ppb	max. 20	
22	Magnesium (Mg)	ppb	max. 10	
23	Manganese (Mn)	ppb	max. 10	
24	Sodium (Na)	ppb	max. 200	
25	Nickel (Ni)	ppb	max. 10	
26	Lead (Pb)	ppb	max. 10	
27	Strontium (Sr)	ppb	max. 10	
28	Zinc (Zn)	ppb	max. 10	
29	Small particles (≥0.5μm)	pieces/mL	max. 100	
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remark