

Product Specification

Name : Carbon tetrachloride

Another
name :

Grade : GR

Volume : 3L

Specification number : Sa-063

Issue number : BAF07

Code number : 03001427

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	Applicable to JIS K8459-1995
2	Appearance (Hue)	-	Colorless	
3	Assay (CCl ₄)(GC)	%	min. 99.5	
4	Density (20°C)	g/mL	1.592 ~ 1.598	
5	Refractive index n ₂₀ /d	-	1.459 ~ 1.461	
6	Water	%	max. 0.02	
7	Residue on evaporation	%	max. 0.001	
8	Acid (as HCl)	%	max. 0.001	
9	Chloride (Cl)	ppm	max. 1	
10	Free chlorine	-	Water phase is colorless (Cl:max.1ppm)	
11	Carbon disulfide	-	Dark color does not appear in water phase (CS ₂ :max.0.001%)	
12	Iodine consuminig substances	-	Keep purplish red (as HCHO:max.2ppm)	
13	Substances darkened by H ₂ SO ₄	-	Not darker than colorimetric standard solution A	
14	Suitability for dithizone test	-	-	
15	(Substances fading color of dithizone)	-	Not paler than colorimetric standard solution	
16	(Metal impurities)	-	Does not turn purple to red	
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