

Product Specification

Name : Benzene

Another
name :

Grade : Special Grade

Volume : 500mL

Specification number : Ha-055

Issue number : AH122

Code number : 02000645

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	Test Procedure
1	Appearance	Hazen units	max. 10	JIS K8858-2007
2	Assay (C ₆ H ₆)(GC)	%	min. 99.5	
3	Freezing point	°C	min. 5.2	
4	Density (20°C)	g/mL	0.877 ~ 0.879	
5	Refractive index n ₂₀ /d	-	1.499 ~ 1.502	
6	Water	%	max. 0.04	
7	Residue on evaporation	%	max. 0.001	
8	Acid (as HCl)	ppm	max. 4	
9	Base (as NaOH)	ppm	max. 4	
10	Sulfur compounds (as S)	%	max. 0.003	
11	Thiophene	-	H ₂ SO ₄ layer keeps yellow, and does not turn green-blue thiophene(as C ₄ H ₄ S):max.1ppm	
12	Substances darkened by H ₂ SO ₄	-	Both sample layer and H ₂ SO ₄ layer are not colored	
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remark

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