

# Product Specification

Standard number : HM-009  
Issue number : AIH22  
Code number : 34000074

Name : Sulfuric acid

(Other name : )  
Grade : H M  
Volume : 2 5 0 m L

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

HAYASHI PURE CHEMICAL IND.,LTD.

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Liquid	Visual method
2	(Hue)	-	Colorless	Visual method
3	Assay (H <sub>2</sub> SO <sub>4</sub> )	%	min. 9 6 . 0	Alkalimetry
4	Arsenic (As)	ppb	max. 5	ICP-MS
5	Cadmium (Cd)	ppb	max. 1	ICP-MS
6	Chromium (Cr)	ppb	max. 1	ICP-MS
7	Mercury (Hg)	ppb	max. 0 . 5	AAS reducing vaporization method
8	Manganese (Mn)	ppb	max. 1 0	ICP-MS
9	Lead (Pb)	ppb	max. 2	ICP-MS
10	Antimony (Sb)	ppb	max. 1 0	ICP-MS
11	Antimony (Sb)	ppb	max. 5 0	ICP-MS
12	Tin (Sn)	ppb	max. 1 0	ICP-MS
13	Vanadium (V)	ppb	max. 1 0	ICP-MS
14	Zinc (Zn)	ppb	max. 5	ICP-MS
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