

# Product Specification

Name : L(+)-Tartaric acid

Another  
name :

Grade : Special Grade

Volume : 500g

Specification number : Sa-109

Issue number : AAJ14

Code number : 20000195

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Crystals or crystalline powder	JIS K8532-2007
2	Appearance (Hue)	-	Colorless ~ white	
3	Assay (C <sub>4</sub> H <sub>6</sub> O <sub>6</sub> )	%	min. 99.5	
4	Solubility in water	-	Clear	
5	Solubility in ethanol	-	Within almost clear	
6	Specific rotation [ $\alpha$ ] <sub>20</sub> /d (after drying)	°	+12.0 ~ +12.5	
7	Residue on ignition (sulfate)	%	max. 0.01	
8	Chloride (Cl)	ppm	max. 5	
9	Phosphate (PO <sub>4</sub> )	ppm	max. 5	
10	Sulfur compounds (as SO <sub>4</sub> )	%	max. 0.005	
11	Arsenic (As)	ppm	max. 0.5	
12	Calcium (Ca)	%	max. 0.002	
13	Copper (Cu)	ppm	max. 5	
14	Iron (Fe)	ppm	max. 3	
15	Lead (Pb)	ppm	max. 5	
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remark

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