

Product Specification

Name : D(+)-Glucose

Another name : Dextrose, Grape sugar, 6-(Hydroxymethyl)oxane-2,3,4,5-tetrol

Grade : First Grade

Volume : 500g

Specification number : Ha-038

Issue number : CBF26

Code number : 04000535

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	Applicable to JIS K8824-2020
2	Appearance (Hue)	-	Colorless or white	
3	Assay (C ₆ H ₁₂ O ₆)(GC)	%	min. 98.0	
4	Solubility in water	-	Within almost clear	
5	Specific rotation [α] ₂₀ /d (after drying)	°	+52.5 ~ +53.7	
6	Loss on drying (105°C)	%	max. 1.0	
7	Residue on ignition (sulfate)	%	max. 0.1	
8	Acid (as CH ₃ COOH)	%	max. 0.007	
9	Chloride (Cl)	%	max. 0.02	
10	Sulfate and sulfite (as SO ₄)	%	max. 0.025	
11	Arsenic (As)	ppm	max. 1	
12	Lead (Pb)	ppm	max. 5	
13	Dextrin and starch	-	Color of sample solution is not red or blue	
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