



Bio Basic Inc.

A world leader in serving science

## CERTIFICATE OF ANALYSIS

Product	L-Ascorbic acid ( Vitamin C)
Grade	USP36 /BP2010
Product Code	AB0021
Formula	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>
MW	176.13
CAS#	50-81-7
Lot No	
Retest Date	

Test Items	Specifications	Results
Appearance	White Crystalline Powder	
Identification	Positive reaction	
Melting point	About 190°C	
pH	2.1 ~ 2.6	
Clarity of solution	Clear	
Colour of solution	≤BY7	
Copper	≤5ppm	
Heavy Metals	≤10ppm	
Iron	≤2ppm	
Oxalic acid	≤0.3%	
Sulphate ash (Residue on Ignition)	≤0.1%	
Specific optical rotation	+20.5° ~ +21.5°	
Bacterial Endotoxins	≤0.02EU/mg	
Assay	99.0 ~ 100.5%	

Storage: 18~25°C.

This Signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:   
Title: General Manager  
Date: Oct 21, 2022

QF 21 Rev 1

V2-2022

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