



**Sophix Natural**  
And Agro Products Ltd  
RC-1615742

PLOT 9, ZONE A, LIGUORI STREET OKE OMI,  
NATIONAL BUS STOP, NEW IFE ROAD, IBADAN Phone: 07061111838

[www.sophixnatural.com](http://www.sophixnatural.com)

### **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Ascorbic Acid (Vitamin C)
<b>CAS Number:</b>	50-81-7
<b>Lot Number:</b>	Not available (data may vary slightly with different lots or batches)
<b>Expiration Date:</b>	24 months from production date
<b>Storage:</b>	Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat

Item of Analysis	Specification	Results	Method
Assay	99.0 % - 100.5 %	99.99%	HPLC
Appearance	Powder	Conform	HE-QCS-1008
Color	White or almost white crystals Crystalline Powder	Conform	GB/T 5492-2008
Identification	Positive reaction	Conform	/
Melting point	about 190°C	Conform	
PH (2 % solution in water)	2.4 – 2.8	2.6	/
PH (5 % solution in water)	2.1 – 2.6	2.4	GB/T 5507-2008
Loss of drying	≤ 0.4 %	0.08%	AOAC 942.05, 18th
Sulphate ash (residue on ignition)	≤ 0.1 %	Conform	/
Specific optical rotation	+20.5° - +21.5°	+20.9°	/
Heavy metals	≤ 10 ppm	Conform	USP <231>, method II
Mercury	< 0.1 mg/kg	Conform	AOAC 986.15, 18th

Lead	≤ 3 ppm	Conform	AOAC 986.15, 18th
Cadmium (Cd)	< 1 mg/kg	Conform	AOAC 986.15, 18th

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

All data are as per our supplier.

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

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