

Essentially Natural

Products with purpose.

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
 Unit 14, Duville Business Park, 8 Arum Lily Street, Durbanville, Cape Town, South Africa 7550
www.essentiallynatural.co.za (T) 021 976 9116 (E) support@essentiallynatural.co.za

CERTIFICATE OF ANALYSIS			
LWPC-2C1-23-03-020		DATE: 9 AUG, 2023	
Product Name	ASCORBIC ACID		
Analysis Standard	BP		
Batch No.	2230113018		
Quantity	18MT		
Manufacture Date	MAR 2023		
Shelf Life	3 Years		
Net/Gross Weight	25.0kgs/26.3kgs		
The goods is only for South African market.			
Analysis Contents	Analysis Standard	Analysis Results	
Characteristics	White or almost White crystals Crystalline Powder	Pass	
Identification	Positive Reaction	Positive	
Melting Point	About 190°C	190.9°C	
PH	2.1-2.6	2.35	
Clarity Of Solution	Clear	Clear	
Colour Of Solution	≤BY7	<BY7	
Copper	≤5ppm	<5ppm	
Heavy Metals	≤10ppm	<10ppm	
*Mercury	<0.1mg/kg	<0.1mg/kg	
Lead	<2mg/kg	<2mg/kg	
Arsenic	≤3ppm	<3ppm	
*Cadmium(Cd)	<1mg/kg	<1mg/kg	
Oxalic Acid	≤0.2%	<0.2%	
Iron	≤2ppm	<2ppm	
*Related Substances	Impurity C	≤0.1%	<0.1%
	Impurity D	≤0.15%	<0.15%
	Impurity E	≤0.2%	<0.2%
	Unspecified Impurities	≤0.1%	<0.1%
	Total	≤0.2%	<0.2%
	Disregard Limit	≤0.05%	<0.05%
Loss of Drying	≤0.4%	<0.4%	
Sulphate Ash (Residue On Ignition)	≤0.1%	<0.1%	
Specific Optical Rotation	+20.5° - +21.5°	+20.97°	
Organic Volatile Impurities	Pass	Pass	
Assay	99.0%-100.5%	99.56%	
Auth Conclusion (S)	The Above-Mentioned Product Conforms To BP		

Disclaimer: This information is believed to be current and accurate but is provided without any warranty expressed or implied. Customers are advised to determine in advance the safe conditions for use of this product.