

# VC Ascorbic Acid 100 mesh 99%



## *Coversheet for Certificate of Analysis*

Productcode : 5015843  
Lot No. : HPB2104111  
Analysis No. : 75722363

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CfC Number : 04450165  
Articlecode : 5015843368  
Sales Name : 25 KG BOX/ALU VC Ascorbic  
Acid 100 mesh 99%  
Manufacturing Date : 12-APR-2021  
Best Use Before Date : 11-APR-2024  
Delivery Note No. 7822193092  
Destination : Great Britain  
Customer Ref. No : 8053615  
Customer Article No: 63308  
Customer Name: PRINOVA EUROPE LIMITED  
10 Aldersgate Street  
LONDON

Article desc. CoA  
Comment

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# VC Ascorbic Acid 100 mesh 99%,25KG BAL

## CERTIFICATE OF ANALYSIS

Productcode	: 5015843368	Batch Size	: 3,000KG
Lot No.	: HPB2104111	Manufacturing Date	: 12.4.2021
Analysis No.	: 75722363	Best use before	: 11.4.2024
Report Date	: 16.4.2021		

Test	Result	Limits/Specification	Dimension/Units
*Appearance	Correspond	White or almost white, crystal or crystalline powder	
Solubility	Correspond	Freely soluble in water, slightly soluble in ethanol, insoluble in ether or chloroform	
Identification A	Positive	Positive	
Identification B	Correspond	IR	
*Melting Point	191	190 - 192	°C
*Specific Optical Rotation	20.9	20.5 - 21.5	°
*Clarity and Color of Solution	Correspond	Clear, not more intensely than BY7	
*pH(2%, W/V)	2.6	2.4 - 2.8	
*pH(5%, W/V)	2.4	2.2 - 2.5	
Loss on Drying	< 0.1	<= 0.1	%
Residue on Ignition	< 0.1	<= 0.1	%
Arsenic(as As)	< 1.0	<= 1.0	ppm
Heavy Metals	Correspond	<=0.0003%	
Lead	< 1.0	<= 1.0	ppm
Mercury	< 0.5	<= 0.5	ppm
Iron	< 2	<= 2	ppm
Copper	< 3	<= 3	ppm
Oxalic Acid	Correspond	<=0.2%	
Residual Solvents(as methanol)	< 250	<= 250	ppm
*Assay	99.9	99.0 - 100.5	%
Total Plate Counts	< 1000	<= 1000	CFU/g
Yeasts & Moulds	< 100	<= 100	CFU/g
Escherichia.Coli	Correspond	Absence in 1g	
Salmonella	Correspond	Absence in 25g	
Staphylococcus Aureus	Correspond	Absence in 25g	
Impurity C	< 0.15	<= 0.15	%
Impurity D	< 0.15	<= 0.15	%
Unspecified impurities	< 0.10	<= 0.10	%
Total Impurities other than C & D	< 0.2	<= 0.2	%
*Particle Size(through us 100mesh)	100	>= 99	%
Cadmium	< 0.5	<= 0.5	ppm

Conclusion: The product with this batch number meets all requirements when tested according to the monograph of USP/FCC/BP/EP/E300 in current version.

Test items marked with \* are based on routine batch analysis. Others are tested at regular intervals.

This is an electronic COA. The data from batch analysis are in accord with the actual test data, which are true, correct and

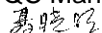
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## CERTIFICATE OF ANALYSIS

Productcode	:	5015843368	Batch Size	:	3,000KG
Lot No.	:	HPB2104111	Manufacturing Date	:	12.4.2021
Analysis No.	:	75722363	Best use before	:	11.4.2024
Report Date	:	16.4.2021			

controlled. The data from periodic analysis are controlled at regular intervals as part of our assurance program.

QC Manager



Nie Xiaoming (Daniel Nie)

Quality Manager



Ge Liang