

VC Sodium Ascorbate regular, 25KG BAL



COVERSHEET FOR CERTIFICATE OF ANALYSIS

Productcode : 5015846
Lot No. : HPN2110012
Analysis No. : 75738698

CfC Number : 04626546
Articlecode : 5015846368
Sales Name : VC Sodium Ascorbate regular, 25KG BAL
Manufacturing Date : 01.10.2021
Best Use Before Date : 01.10.2023
Invoice Number : 2831278614
Destination : MANILA NORTH HA
Customer Ref. No : 7190083139
Customer Article No:
Customer Name: DKSH Philippines Inc
Fort Bonifacio,
Taguig City

VC Sodium Ascorbate regular, 25KG BAL

CERTIFICATE OF ANALYSIS

Productcode	: 5015846368	Batch Size	: 3,000KG
Lot No.	: HPN2110012	Manufacturing Date	: 1.10.2021
Analysis No.	: 75738698	Best use before	: 1.10.2023
Report Date	: 8.10.2021		

Test	Result	Limits/Specification	Dimension/Units
*Appearance	Correspond	White to slightly yellow crystals, or crystalline powder	
Solubility	Correspond	Freely soluble in water, very slightly soluble in ethanol, insoluble in chloroform	
Identification A	Correspond	A red precipitate is formed	
Identification B	Correspond	IR	
Identification C	Positive	Positive to reaction of sodium ascorbate	
*Specific Optical Rotation	105	103 - 106	°
*Clarity and Color of Solution	Correspond	Clear, not more intensely than BY6	
Oxalic Acid(Impurity E)	Correspond	<=0.2%	
*Sulphate	Correspond	<=150ppm	
Copper	< 5	<= 5	ppm
Lead	< 1.0	<= 1.0	ppm
Arsenic	< 1.0	<= 1.0	ppm
Mercury	< 0.5	<= 0.5	ppm
Iron	< 2	<= 2	ppm
Nickel	< 1	<= 1	ppm
*Loss on Drying	0.07	<= 0.25	%
Heavy Metals (as Pb)	Correspond	<=0.0003%	
*pH(10%, W/V)	7.7	7.0 - 8.0	
*Assay (on the dried basis)	99.8	99.0 - 101.0	%
Residual Solvents(as methanol)	< 250	<= 250	ppm
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	%
Cadmium	< 0.5	<= 0.5	ppm
*Odor	Correspond	Odorless	

Conclusion: The product with this batch number meets all requirements when tested according to the monograph of USP/FCC/BP/EP/E301 in current version.

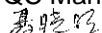
VC Sodium Ascorbate regular, 25KG BAL

CERTIFICATE OF ANALYSIS

Productcode	:	5015846368	Batch Size	:	3,000KG
Lot No.	:	HPN2110012	Manufacturing Date	:	1.10.2021
Analysis No.	:	75738698	Best use before	:	1.10.2023
Report Date	:	8.10.2021			

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 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