

VC Ascorbic Acid regular



Coversheet for Certificate of Analysis

Productcode : 5015838
Lot No. : HPB2207200
Analysis No. : 75765575

CfC Number : 05041404
Articlecode : 5015838368
Sales Name : 25 KG BOX/ALU VC Ascorbic Acid regular
Manufacturing Date : 28-JUL-2022
Best Use Before Date : 27-JUL-2025
Delivery Note No. 1124094384
Destination : Argentina
Customer Ref. No : 4501723207
Customer Article No: 5015838368

Article desc. CoA
Comment



VC Ascorbic Acid regular, 25KG BAL

CERTIFICATE OF ANALYSIS

Productcode : 5015838368 Batch Size : 15,000KG
Lot No. : HPB2207200 Manufacturing Date : 28.7.2022
Analysis No. : 75765575 Best use before : 27.7.2025
Report Date : 2.8.2022

| 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 (as Pb) | Correspond | <=0.0003% | |
| Lead | < 0.5 | <= 0.5 | 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 | 99.7 | 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 | % |
| 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/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 controlled. The data from periodic analysis are controlled at regular intervals as part of our assurance program.



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CERTIFICATE OF ANALYSIS

| | | | | | |
|--------------|---|------------|--------------------|---|-----------|
| Productcode | : | 5015838368 | Batch Size | : | 15,000KG |
| Lot No. | : | HPB2207200 | Manufacturing Date | : | 28.7.2022 |
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QC Manager

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