

## VC Ascorbic Acid CMG, 25KGB0AIP0

## 检验证书 CERTIFICATE OF ANALYSIS

|                   |              |                         |             |
|-------------------|--------------|-------------------------|-------------|
| 产品编码 Product Code | : 5016106583 | 批量 Batch Size           | : 3,000KG   |
| 批号 Lot No.        | : HPB2102242 | 生产日期 Manufacturing Date | : 28.2.2021 |
| 分析编号 Analysis No. | : 75717710   | 有效期至 Best use before    | : 28.2.2023 |
| 报告日期 Report Date  | : 8.3.2021   |                         |             |

| 检验项目<br>Test                              | 检验结果<br>Result     | 限度/规格<br>Limits/Specification                                                                           | 度量/单位<br>Dimension/Units |
|-------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|--------------------------|
| 外观<br>Appearance                          | 符合要求<br>Correspond | 白色结晶或结晶性粉末<br>White crystal or crystalline powder                                                       |                          |
| 臭味<br>Odor and taste                      | 符合要求<br>Correspond | 无臭，味酸<br>odorless, taste sour                                                                           |                          |
| 性状<br>Appearance                          | 符合要求<br>Correspond | 久置色渐变微黄，水溶液显酸性反应<br>Darkens gradually on exposure to light, the aqueous solution exhibits acid reaction |                          |
| 熔点<br>Melting Point                       | 191                | 190 - 192                                                                                               | °C                       |
| 比旋度<br>Specific Optical Rotation          | 20.5               | 20.5 - 21.5                                                                                             | °                        |
| 鉴别 A<br>Identification A                  | 符合要求<br>Correspond | 应符合要求<br>Correspond                                                                                     |                          |
| 鉴别 B<br>Identification B                  | 符合要求<br>Correspond | 与对照的图谱(光谱450图)一致<br>Concordant with IR album No.450                                                     |                          |
| 溶液澄清度与颜色<br>Clarity and Color of Solution | 符合要求<br>Correspond | 澄清， $\leq 0.03$<br>Clear, $\leq 0.03$                                                                   |                          |
| 草酸                                        | 符合要求<br>Correspond | $\leq 0.3\%$<br>$\leq 0.3\%$                                                                            |                          |
| 炽灼残渣<br>Residual on Ignition              | 0.03               | $\leq 0.1$                                                                                              | %                        |
| 铁<br>Iron                                 | 符合要求<br>Correspond | 应 $b < (a-b)$<br>$b < (a-b)$                                                                            |                          |
| 铜<br>Copper                               | 符合要求<br>Correspond | 应 $b < (a-b)$<br>$b < (a-b)$                                                                            |                          |

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|                             |                    |                                  |   |
|-----------------------------|--------------------|----------------------------------|---|
| 重金属<br>Heavy Metals (as Pb) | 符合要求<br>Correspond | 不得过百万分之十<br>not more than 0.001% |   |
| 含量<br>Assay                 | 99.8               | >= 99.0                          | % |

结论: 本品按《中国药典》2020年版二部检验, 结果符合规定

QC Manager

Quality Manager

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Nie Xiaoming (Daniel Nie)



葛亮  
Ge Liang