



**Certificate of Analysis**

|                       |          |                         |             |
|-----------------------|----------|-------------------------|-------------|
| <b>Product name</b>   | Diosmin  | <b>Manufacture date</b> | Jun.18.2024 |
| <b>Batch number</b>   | SW240618 | <b>Analysis date</b>    | Jun.19.2024 |
| <b>Batch quantity</b> | 1000kg   | <b>Expiry date</b>      | Jun.18.2026 |

|                   |                                                                                                                                                                                                                                                    |          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Items             | Specification                                                                                                                                                                                                                                      | Results  |
| Appearance        | Greyish-yello or light yellow hygroscopic powder, practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in ethanol(96 %).It dissolves in dilute solutions of alkali hydroxides.                                    | Conforms |
| Identification    | The infrared absorption spectrophotometry of the product is same as the infrared absorption spectrophotometry of diosmin CRS.                                                                                                                      | Conforms |
|                   | Examine the chromatogram obtained in the assay. The principal peak in the chromatogram obtained with the test solution(a) is similar in retention time and size to the principal peak in the chromatogram obtained with the reference solution(a). | Conforms |
| Iodine            | $\leq 0.1\%$                                                                                                                                                                                                                                       | Conforms |
| Pyridine          | $\leq 200\text{ppm}$                                                                                                                                                                                                                               | 134ppm   |
| Particle size     | 90% pass 80 mesh                                                                                                                                                                                                                                   | Conforms |
| Heavy metals      | $\leq 20\text{ppm}$                                                                                                                                                                                                                                | Conforms |
| Related substance | Impurity A $\leq 0.5\%$                                                                                                                                                                                                                            | 0.05%    |
|                   | Impurity B $\leq 4.0\%$                                                                                                                                                                                                                            | 0.53%    |
|                   | Impurity C $\leq 3.0\%$                                                                                                                                                                                                                            | 2.42%    |
|                   | Impurity D $\leq 0.6\%$                                                                                                                                                                                                                            | 0.01%    |
|                   | Impurity E $\leq 3.0\%$                                                                                                                                                                                                                            | 1.80%    |
|                   | Any unspecified impurity $\leq 0.4\%$                                                                                                                                                                                                              | 0.36%    |
| Total Bacteria    | 1,000cfu/g Max                                                                                                                                                                                                                                     | <10cfu/g |
| Yeast & Mold      | 100cfu/g Max                                                                                                                                                                                                                                       | <10cfu/g |
| Coliform          | Negative in 1g                                                                                                                                                                                                                                     | Negative |
| Assay             | 94.0~102.0%                                                                                                                                                                                                                                        | 96.6%    |

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| <b>Packing description:</b> | Sealed export grade drum & double of sealed plastic bag                     |
| <b>Storage:</b>             | Store in cool & dry place not freeze., keep away from strong light and heat |
| <b>Shelf life:</b>          | 2 years when properly stored                                                |

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