

## **CERTIFICATE OF ANALYSIS**

| Name                 | Shikimic acid   |      |  |  |  |
|----------------------|---|------|--|--|--|
| Catalog No.          | RS894924  |      |  |  |  |
| CAS No.              | 138-59-0  | OUOH |  |  |  |
| Purity               | 98%   |      |  |  |  |
| Weight               | 10mg  |      |  |  |  |
| Formula              | $C_7H_{10}O_5$  | HOW  |  |  |  |
| Molecular Weight     | 174.2   | ŌH   |  |  |  |
| Physical Description | Powder  |      |  |  |  |
| Application          | Reference Standard  |      |  |  |  |
| Solvent              | Methanol and acetonitrile   |      |  |  |  |
| Lot No.              | RS894924-01   |      |  |  |  |
| Shelf Life           | 2 Years   |      |  |  |  |
| Date Of Report       | Oct 20, 2021  |      |  |  |  |
| Storage              | Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 24 months(2-8 °C)   |      |  |  |  |
| After receiving      | The packaging of the product may have turned upside down<br>during transportation, resulting in the natural compounds adhering<br>to the neck or cap of the vial. take the vial out of its packaging and<br>gently shake to let the compounds fall to the bottom of the vial. |      |  |  |  |

## **Analytical Results**

| Test           | Specification | Results      | Test                  | Results                             |
|----------------|---------------|--------------|-----------------------|-------------------------------------|
| Appearance     | Off - Powder  | Off - Powder | Identification by NMR | Consistent with the above structure |
| Loss on drying | < 3%          | 2.0%         | Purity by HPLC        | 98%                                 |

## **QA Signature:**

## Date:

Oct 20, 2021

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