



**Certificate of Analysis**

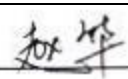
|                       |           |                         |              |
|-----------------------|-----------|-------------------------|--------------|
| <b>Product name</b>   | Quercetin | <b>Manufacture date</b> | Sept.12.2022 |
| <b>Batch number</b>   | FQ220912  | <b>Analysis date</b>    | Sept.13.2022 |
| <b>Batch quantity</b> | 150kg     | <b>Expiry date</b>      | Sept.12.2024 |

| TEST                 | SPECIFICATION   | RESULTS       | TEST METHOD         |
|----------------------|-----------------|---------------|---------------------|
| Appearance           | Yellow powder   | Complies      | Visual              |
| Identification       | Must positive   | Positive      | Infrared Absorption |
| Melting point        | 305℃—315℃       | 312℃ Complies | Melting point       |
| Particle size        | 95% pass 80mesh | 0.23gm/cc     | Apparatus           |
| Bulk density         | ≥0.20gm/cc      | 0.34gm/cc     | CP2010              |
| Tapped Density       | ≥0.30gm/cc      | 5ppm          | CP2010              |
| Heavy metals         | ≤10ppm          | 0.46ppm       | CP2010              |
| -Arsenic(As)         | ≤2ppm           | 0.52ppm       | Atomic Absorption   |
| -Lead (Pb)           | ≤2ppm           | 0.06ppm       | Atomic Absorption   |
| -Mercury(Hg)         | ≤1ppm           | 0.08ppm       | Atomic Absorption   |
| -Cadmium(Cd)         | ≤1ppm           | 0.23%         | Atomic Absorption   |
| Sulphated Ash        | ≤0.30%          | 9.5%          | Atomic Absorption   |
| Loss on drying       | ≤12.0%          | 99.75%        | CP2010              |
| Assay                | ≥98.0%          |               | 5g/120C             |
| Microbiological test |                 |               |                     |
| Total plate count    | ≤1000cfu/g      | 100 cfu/g     | CP2010              |
| Mold & Yeast         | ≤300cfu/g       | 10cfu/g       | CP2010              |
| E.Coli               | Negative        | Complies      | CP2010              |
| Salmonella           | Negative        | Complies      | CP2010              |
| Staphylococcus       | Negative        | Complies      | CP2010              |
| Residual Solvent     | ≤0.5%           | Complies      | GC                  |
| Pesticide Screen     | Not Detected    | Complies      | GC                  |

|                             |   |
|-----------------------------|---|
| <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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Corrector

  
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Analyst