



CERTIFICATE OF ANALYSIS

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|---|-------------------------------------|
| Product Name: Vitamin K2 (MK-7) | Manufacture Date: 2023.02.25 |
| CAS No.: 27670-94-6 | Analysis Date: 2023.02.30 |
| Batch No: TA2023022569 | Expiration Date: 2025.02.24 |
| Batch Quantity: 1000kg | |

| Items | Specifications | Results |
|-----------------------------|------------------------------|---------------|
| Appearance | Light yellow powder | Yellow powder |
| MK-7 (HPLC) | $\geq 1\%$ | 1.25% |
| MK-7 Melting Point °C | 53-54 | 54 |
| Condition | No offensive taste and smell | Complies |
| Loss on Drying % | 2.0-3.5 | 2.5 |
| Reducing Sugar % | ≤ 0.2 | 0 |
| Starch | Negative | Negative |
| Fatty Acid | Negative | Negative |
| Heavy Metals(Pb) ppm | ≤ 10 | 4 |
| Arsenic ppm | ≤ 2 | 0.2 |
| Lead ppm | ≤ 2 | 0.1 |
| Mercury ppm | ≤ 0.3 | <0.1 |
| Cadmium ppm | ≤ 0.3 | <0.1 |
| Pesticides Residue | Negative | Negative |
| Solvent Residue Ethanol ppm | ≤ 500 | 200 |

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|-------------------|---|
| Conclusion | Conform with standard |
| Storage condition | Store in cool & dry place, Do not freeze. Keep away from strong light and heat. |
| Shelf life | 2 years when properly stored |