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CERTIFICATE OF ANALYSIS

Name	:Coenzyme Q10	Specification	:USP / EP / JP
Batch No.	: 51-2302012	Manu. Date	:Feb.23, 2023
Package	:5KG/Drum*2Drums/Carton	Expiry Date	:Feb.22, 2026
Quantity	:500kgs		

ITEM	SPECIFICATION	RESULT
1. Appearance	Yellow to orange crystalline powder	Complies
2. Identification A: IR B: Color Reaction C: HPLC	Corresponds qualitatively to the reference A blue color appears Corresponds qualitatively to the reference	Complies Positive Complies
3. Melting Point	48.0°C-52.0°C	51.0°C-52.0°C
4. Water	≤0.2%	0.03%
5. Residue on Ignition	≤0.1%	0.03%
6. Particle Size	Not less than 90% pass 80 mesh	Complies
7. Heavy Metal	≤10ppm	<10ppm
8. Arsenic	≤1ppm	Complies
9. Lead	≤2ppm	Complies
10. Mercury	≤0.1ppm	Complies
11. Cadmium	≤1ppm	Complies
12. Residue Solvents	Ethanol≤1000ppm Ethyl Acetate≤100ppm N-hexane≤1ppm	Complies Complies Complies
13. Chromatographic purity	Test 1: Sum of all impurities: ≤1.0% Test 2: Sum of all impurities: ≤1.0% Test 1 & Test 2: Sum of all impurities: ≤1.5%	Complies
14. Related Substances	Single impurity: not more than 0.5% Sum of all impurities: not more than 1.0%	Complies
15. Impurity F	≤0.5%	Complies
16. Microbial Limit Test		
(1) Standard Plate Count	≤1000cfu/g	Complies
(2) Yeast & Mold	≤100cfu/g	Complies
(3) Coliforms	≤3cfu/g	Complies
(4) E. Coli	Negative/10g	Negative
(5) Salmonella	Negative/25g	Negative
(6) S.aureus	Negative/25g	Negative
17. Content (%)	Not less than 98.0% and not more than 101.0% of C ₅₉ H ₉₀ O ₄ calculated on the anhydrous basis	99.30%

Conclusion: Complies with the requirements of USP / EP / JP

Storage: Store in tightly closed original container, protected from light in a dry place at low temperature (≤ 25°C).

