



Certificate of Analysis

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| Product name | Coenzyme Q10 | Expiration Date | July. 02, 2023 |
| Batch number | LYPH200703 | Manufacture date | July. 03, 2020 |
| Batch quantity | 110kg | Analysis date | July. 05, 2020 |

| Analysis | Specification | Results |
|-------------------------------|--|----------------------------------|
| Identification | | |
| A. IR | Corresponds qualitatively to the reference | Complies |
| B. Chemical reaction | A blue color appears | Positive |
| Water(KF) | ≤ 0.2% | 0.02 |
| Residue on ignition | ≤ 0.1% | 0.03 |
| Heavy metals | Inorganic Arsenic≤ 3μg/g Cadmium≤ 1μg/g Total Mercury≤ 3μg/g Lead≤ 1μg/g | <0.01 <0.01 <0.01 <0.01 |
| Residual solvents | Ethanol≤1000ppm Ethyl Acetate≤100ppm N-Hexane≤20ppm | 38 <4.2 <0.1 |
| Chromatographic purity | The single related impurities≤0.30% Test1: Coenzymes Q ₇ ,Q ₈ ,Q ₉ ,Q ₁₁ and related impurities≤1.0% Test2: 2Z isomer and related impurities≤1.0% Test1 and Test 2≤1.5% | 0.24 0.57 0.14 0.73 |
| Assay(on the anhydrous basis) | 99.0%~101.0% | 99.2 |
| Total aerobic bacteria count | ≤1000 | <10 |
| Mold and yeast count | ≤100 | <10 |
| Escherichia coli | Negative | Complies |
| Salmonella | Negative | Complies |
| Staphylococcus | Negative | Complies |

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| Conclusion | Conform with UsP42-NF37 standard |
| Storage | Store in cool & dry place. Keep away from strong light and heat at low temperate(≤25℃) |
| Shelf life | 3 years when properly stored |

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