NATURE SCIENCE TECHNOLOGIES

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# CERTIFICATE OF ANALYSIS

## Coenzyme Q10

**LOT EX0389**

Catalog No.: NST-10-156

CAS No.: 303-98-0

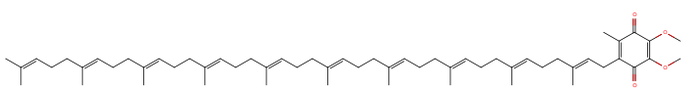
Molecular formula: $C_{59}H_{90}O_4$

MW: 863.34

Manufacturing date: 07.03.2026

Analysis date: 17.03.2026

Shelf life: 24 months



| No. | Parameter | Specification | Results | Method |
|---|---|---|---|---|
| 1. | Appearance | Fine powder | Conforms | Visual |
| 2. | Color | Yellow orange | Conforms | Visual |
| 3. | Assay | ≥98.0 % | 99.02 % | HPLC |
| 4. | Odor | Characteristic | Conforms | Organoleptic |
| 5. | Taste | Characteristic | Conforms | Organoleptic |
| 6. | Mesh size/sieve | ≥95 % pass 80 mesh | Conforms | 80 mesh |
| 7. | Bulk density | ≤0.8 g/ml | Conforms | USP <616> |
| 8. | Residue on ignition | ≤0.1 % | 0.07 % | USP <281> |
| 9. | Water | ≤0.2 % | 0.01 % | USP <731> |
| 10. | Related substances | Total impurities ≤1.5 % | 0.56 % | HPLC |
| 11. | Solvent residues | USP <467> | Conforms | GC |
| 12. | Heavy Metals | ≤10 ppm | Conforms | ICP-MS |
| 13. | Lead | ≤2 ppm | Conforms | ICP-MS |

| | | | | |
|---|---|---|---|---|
| 14. | Arsenic | ≤1 ppm | Conforms | ICP-MS |
| 15. | Mercury | ≤0.1 ppm | Conforms | ICP-MS |
| 16. | Cadmium | ≤1 ppm | Conforms | ICP-MS |
| 17. | TPC | $<10^3$ CFU/g | Conforms | USP <2021> |
| 18. | TYMC | $<10^2$ CFU/g | Conforms | USP <2021> |
| 19. | *Escherichia Coli* | Absent | Conforms | USP <2022> |
| 20. | *Salmonella* | Absent | Conforms | USP <2022> |
| 21. | *Staphylococcus aureus* | Absent | Conforms | USP <2022> |

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 17.03.2026

This Certificate of Analysis is based on the manufacturer's quality control documentation for the referenced batch.