NutraNorth

# CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Manufactured for** | **Nutrali** | | | | |
| **Name of product:** | **CoQ10 Capsules** | | | **NPN** | 80117015 |
| **Packaging Lot # :** | **M2500080/1** | **Master Packaging Record #** | | **Expiry Date :** | **02/2028** |
| | | **MPR** | **NT-COQ-60-V0** | | |
| **Manufacturing Lot # :** | **M2500080** | **Master Manufacturing Record #:** | | **MFG Date:** | **03/2025** |
| | | **MMR** | **NT-COQ-V0** | | |
| **Storage Conditions:** | Store at room temperature ( R.T ), in closed dry containers and Keep away from high temperature & moisture. | | | | |
| **Physical Description:** | Yellow to orange powder in clear Veggie "0" capsules. | | 60 count in Bottle-250 cc white HDPE Round with Cap-45-400 White HIS P/P,ribbed,plain liner. | | |

**Physical Tests:**

| TESTES | Results | Specifications Low | Target | High | Strength | Method |
|---|---|---|---|---|---|---|
| Average Wt. of Capsules | 543 mg | 522 | 580 | 638 | mg | USP <2091> |
| Wt. variation of Capsules | Conforms | Conforms as per USP weight variation +/- 10 % | | | | USP <2091> |
| Odour & Taste | Conforms | Characteristic, Conforms to Standard | | | | Visual, Olfactory |
| Disintegration | 08 mins | NMT 30 | | | min | USP <2040> |
| **IDENTITY** | Conforms | Conforms to standard | | | | FTIR |

| Quantity / Potency : | Results | | Low | Target | High | Strength | Method |
|---|---|---|---|---|---|---|---|
| **By Qualitative Analysis** | | | | | | | |
| CoQ10 -Co-Enzyme Q-10 (Ubiquinone) | 174.00 | mg | 160.00 | 200.00 | 240.00 | mg | HPLC-UV |

**PURITY:**

| MICRO TEST | Results | Limits | Method |
|---|---|---|---|
| Total Plate Count | 750 c.f.u./g | < 100,000 c.f.u / g | USP<2021>/AOAC |
| Total Yeast | <10 c.f.u./g | < 10,000 c.f.u / g | USP<2021>/AOAC |
| Total Mold | <10 c.f.u./g | < 10,000 c.f.u / g | USP<2021>/AOAC |
| E.Coli | Not Detected | Not Detected/10g | USP<2022>/AOAC |
| Salmonella Spp | Not Detected | Not Detected/10g | USP<2022>/AOAC |
| Staphylococcus Aureus | Not Detected | Not Detected/10g | USP<2022>/AOAC |
| **HEAVY METALS:** | **Results -1 capsules /day** | **Limits** | **Method** |
| Arsenic | < 0.0001 mcg/kg b.w./day | < 0.14 mcg / kg b.w./day | ICP-MS |
| Cadmium | < 0.0001 mcg/kg b.w./day | < 0.09 mcg / kg b.w./day | ICP-MS |
| Lead | 0.0002 mcg/kg b.w./day | < 0.14 mcg / kg b.w./day | ICP-MS |
| Total Mercury | < 0.0001 mcg/kg b.w./day | < 0.29 mcg / kg b.w./day | ICP-MS |

**Prepared by:** AS. Apr.09.2025

**Approved by:** Quality Apr.09.2025
**Quality Assurance**

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