

**杭州东瑞医药科技有限公司**  
**HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.**

**CERTIFICATE OF ANALYSIS**

**Coenzyme Q10**

<b>Batch No.:</b> DR20130204	<b>Quantity:</b> 1.0kg
<b>Manufacture Date:</b> 2013.02.04	<b>Expiry Date:</b> 2015.01.04

**TESTS:**

Items	Specification	Results
Description	Yellow to orange crystalline powder Odorless and no taste Melting point: 48°C	Conforms Conforms 48.8~50.0°C
Identification	IR Color reaction:positive	Conforms
Water	≤ 0.2%	0.04%
Residue on ignition	≤ 0.1%	0.06%
Heavy metals	≤ 10ppm	Conforms
Chromatographic purity	Coenzymes Q7,Q8,Q9,Q11 And Related Impurities:≤1%	0.5%
	Ubidecarenone(2z)-Isomer And Related Impurities:≤1%	0.4%
	Total impurities:≤1.5%	0.9%
Assay	98.0%~101.0%	99.1%
Microbial limits	Total Plate Counts:≤1, 000cfu/g yeast & Molds:≤100cfu/g E. Coli: Negative Salmonella: Negative Staphylococcus Aureus: Negative	Conforms
Residual solvents	Hexane: ≤290ppm Ethyl Acetate: ≤5000ppm Ethanol: ≤5000ppm	Conoforms
Storage	Preserve in well-closed, light resistant containers	

Conclusion: The results conform to USP34.



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