



Formulator Shop Ltd
19 Aderibigbe Street, Ikate, Surulere, Lagos. NG
Email: info@theformulatorshop.com
Phone: +234 916 641 5213

www.theformulatorshop.com

CERTIFICATE OF ANALYSIS

Product Name: Coenzymes Q10
Batch Quantity: 470kgs
Analysis Date: Dec.03, 2022

ITEM	STANDARD	RESULT
Assay	98.0~101.0%, HPLC	99.2%
Appearance	Orange crystalline powder	Complies
Identification		
A. IR	Corresponds qualitatively to the reference	Complies
B. Chemical Reaction	A blue color appears	Positive
Water	$\leq 0.2\%$	0.02%
Residue on ignition	$\leq 0.1\%$	0.03%
Particle Size	90% pass 80 mesh	Complies
Melting point	48.0°C - 52°C	49.0°C - 52°C
Residual Solvents	Comply with USP<467>	Complies
Chromatographic purity	Test 1:CoenzymesQ7,Q8,Q9,Q11 and related impurities $\leq 1.0\%$	0.73%
	Test 2:2Z isomer and related impurities $\leq 1.0\%$	0.33%
	Total impurity $\leq 1.5\%$	1.06%
Heavy Metal	$\leq 20\text{ppm}$	<10ppm
Total plate count	$\leq 1000\text{cfu/g}$	Complies
Yeast & Mould	$\leq 50\text{cfu/g}$	Complies
E .Coli	Not detected in 10gram	Negative
Salmonella	Not detected in 25gram	Negative
Staphylococcus	Not detected in 25gram	Negative
Conclusion	The test results conform to USP.	
Storage & Shelf life	In sealed, cool & dry condition, keep away from strong light. 24 months when properly stored.	

This report is not to be signed.
All data are as per our supplier.