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Product Name: co-enzyme

Batch No.:51-1703005

Manu. Date: 2017-02-28

Expiry Date: 2020-02-27

Package: 5kg/ Aluminum tin

Quantity of Product: 500kg

Report Date: 2017-03-11

Test Standard: USP39-NF34

Items	Specifications	Results
Identification		
A. IR	Corresponds qualitatively to the reference	Complies
B. Chemical reaction	A blue color appears	Positive
Water Content	$\leq 0.2\%$	0.02
Residue on ignition	$\leq 0.1\%$	0.03
Heavy metals	$\leq 10\text{ppm}$	< 10
Residual solvents	Ethanol $\leq 1000\text{ppm}$	48
	Ethyl Acetate $\leq 100\text{ppm}$	< 4.5
	N-Hexane $\leq 20\text{ppm}$	< 0.1
Chromatographic purity	Test 1: The single related impurities $\leq 0.3\%$	0.22
	Test 2: 2Z-isomer and related impurities $\leq 1.0\%$	0.14
	Test 3: Coenzymes Q ₇ , Q ₈ , Q ₉ , Q ₁₁ and related impurities $\leq 1.0\%$	0.53
	Test2 and Test3 $\leq 1.5\%$	0.67
Assay (on the anhydrous basis)	99.0% ~ 101.0%	99.5%
Microbiological Spec.		
(1)Total plate count (cfu/ g)	≤ 1000	< 10
(2)Mold and yeast count (cfu/ g)	≤ 100	< 10
(3)E.coli (cfu/ g)	Absence	Absence
(4)Salmonella (cfu/ g)	Absence	Absence
(5)Staphy lococcus aureus (cfu/ g)	Absence	Absence
Conclusion	Meet the requirements	

Storage: Store in tightly closed original container, protected from light, in a dry place at low temperature ($\leq 25^{\circ}\text{C}$)

