## **COMPOUNDMAX SHANGHAI**

## Certificate of Analysis

Report Date: Apr. 19.2009

**Product** 

: Coenzyme Q10

Specification

: U.S.P 31/EP6/JP14

Batch No.

: S0904021

Manufacturing date

: 18 Apr. 2009

Package

: Aluminum tin

Expiry date

: 17 Apr.2011

Quantity

: 1kg

Contract No.

Test Item

Specification

Results

Description

Yellow to orange crystalline powder

confirm

Identification

Color Reaction: a blue color appears

Blue color appears

Complies with EP/USP/JP

Water

≤ 0.2%

IR

0.06%

Residue on ignition

≤0.1%

0.04%

Heavy metals

≤ 0.002%

Complies

56 56

Test 1: Sum of all impurities: ≤ 1.0%

Complies

Chromatographic

Test 2: Sum of all impurities: ≤ 1.0%

Complies

purity

Test 1& Test 2: Sum of all impurities: ≤ 1.5%

Complies

Related substances

Any impurity: NMT 0.5% as per EP

Impurity F: NMT 0.5% as per EP

Complies

Standard plate count

≤1,000cfu/g

Complies

Yeast and mold:

≤50cfu/g

Complies

Coliforms:

≤3cfu/g

Complies

E.coli:

Negative

Negative Negative

Salmonella:

Negative

.

S.aureus:

Negative

Negative

Assay:

Not less than 98% of C<sub>59</sub>H<sub>90</sub>O<sub>4</sub> calculated on the

99.30 %

anhydrous basis

Conclusion: Complies with the requirements of U.S.P. 31/EP6/JP14.

Authorized signature