

(Summery)

1. CoQ10 40%SP and 10%EM Stability test in High Temperature

Subject: we test our stability in various Sport Beverages at high Temperature.

Test Target: various amino acid beverages

Test Method;

Take both 20mg 40SP and 80mg 10EM then add sport drinks and make 40ml sport drink solution i.e. prepared 0.2mg/ml CoQ10 soluble Sports drinks.

We stored test target in following conditions;

1. 40°C 24Hours
2. 40°C 1weeks
3. 80°C 24Hours

Then checked stability and transparency after certain time passed.

(Conclusion): we found significant stability of our CoQ10 Products in even 80°C temperature.

2. CoQ1040%SP Stability test in various acidity conditions.

Test Method: take 20mg 40SP and make test solution with 40ml of 20mM of various pH buffer solvents then make 100mg/500ml CoQ10 solution. Test the stabilities in various acidity and temperature.

1. Buffer solution; 20mM citric acid solution for pH: 2, 4, 6
2. Buffer solution: 20mM phosphoric acid solution for pH: 6, 8
3. Each test target stored in both 40°C and 60°C.

(Conclusion): Test data showed all of test result show very high stabilities except 60°C pH8 in 23Hours 93%.