

Student 6: High Not Achieved

NZQA Intended for teacher use only

Purpose:

To investigate what happens to the vitamin C in fruit juice when it is heated to 20, 60, and 80 degrees Celsius.

1

Calculations:

20°C

$$c(\text{vitamin C}) = n/V = .656 \times 10^{-4} / 0.1 = 0.656 \times 10^{-3}$$

Conclusion:

The juice heated to 20°C had $0.656 \times 10^{-3} \text{ molL}^{-1}$ of vitamin C.

2