



T Level Technical Qualification in Healthcare Science

Occupational specialism assessment (OSA)

Assisting with Healthcare Science

Assignment 4 - Case study stimulus materials

Assignment brief insert

T Level Technical Qualification in Healthcare Science Occupational specialism assessment (OSA)

Assisting with Healthcare Science

Assignment brief insert

Assignment 4

Extended written response stimulus materials

Contents

Item A:	3
Pipette calibration: weight of water	3
Item B:	4
Pipette calibration: Z factors for distilled water at 1atm pressure	4
Document information	5
Change History Record	5

Item A:

Pipette calibration: weight of water

Measurement number	Recorded weight of water
1.	9.89
2.	10.01
3.	10.02
4.	9.99
5.	9.95
6.	10.04
7.	9.96
8.	10.01
9.	9.99
10.	9.89

Item B:

Pipette calibration: Z factors for distilled water at 1atm pressure

Temperature (°C)	Z factor
20	1.0029
21	1.0031
22	1.0033
23	1.0035
24	1.0037
25	1.0039

Document information

The T Level Technical Qualification is a qualification approved and managed by the Institute for Apprenticeships and Technical Education.

Copyright in this document belongs to, and is used under licence from, the Institute for Apprenticeships and Technical Education, © 2021.

'T-LEVELS' is a registered trade mark of the Department for Education.

'T Level' is a registered trade mark of the Institute for Apprenticeships and Technical Education.

'Institute for Apprenticeships & Technical Education' and logo are registered trade marks of the Institute for Apprenticeships and Technical Education.

Owner: Head of Assessment Design

Change History Record

Version	Description of change	Approval	Date of Issue
v1.0	Post approval, updated for publication.		January 2021
v1.1	NCFE rebrand.		September 2021