

Name:

Date:

SOLUTION PREPARATION FROM SOLIDS (5B)

RECORD SHEET

Solution to be prepared:

Solute: Molar mass:

Volume: Composition:

Solid compound:

Chemical formula:

Molar mass:

Calculated mass:

Measured mass (VI):

Relevant calculations:

Volume determination of the volumetric flask by using the density of water:

I. Temperature of water: °C Water density (ρ_{water}): g/cm³

II. Mass of dry volumetric flask:

III. Mass of volumetric flask+water:

IV. Mass of water (m_{water}):

V. Volume of volumetric flask: $V_{\text{flask}} = m_{\text{water}}/\rho_{\text{water}} =$

