

### **CHEM362 MARKING STANDARD**

<b>Letter Grade</b>	<b>%</b>	<b>Mark for A expt</b>	<b>Mark for B expt</b>	<b>Comments</b>
<b>A+</b>	<b>90-100</b>	<b>18-20</b>	<b>22.5-25</b>	<b>Excellent and achievable</b>
<b>A or A-</b>	<b>80-89</b>	<b>16-17.8</b>	<b>20-22.3</b>	<b>Very good, with minor blemishes</b>
<b>B+, B or B-</b>	<b>70 - 79</b>	<b>14- 15.8</b>	<b>17.5-19.8</b>	<b>Good with one or two significant mistakes or omissions.</b>
<b>C+ or C</b>	<b>60-69</b>	<b>12-13.8</b>	<b>15-17.25</b>	<b>Improvement needed in report and possibly also experimental.</b>
<b>D</b>	<b>50-59</b>	<b>10-11.8</b>	<b>12.5-14.75</b>	<b>Enough done to warrant a pass but much to improve.</b>

## Chem362 Marking Scheme Outline

10 June 2025

### **A Experiment, T style report**

- /20 Data presentation
- /5 Balanced equations and structures
- /15 Quality of data/results & spectra.
- /20 Interpretation of data
- /15 Notebook
- /10 Summary of paper
- /15 Contribution to the group discussion
- /100 sub total  $\div 5 =$  /20

### **A Experiments, U style report**

- /20 Data presentation
- /20 Quality of data/results & spectra
- /15 Written literature summary
- /25 Interpretation of results (including lit values)
- /10 Answers to literature & theory questions
- /10 Knowledge of the experiment
- /100 sub total  $\div 5 =$  /20

### **A Experiments, V style report**

- /20 Data presentation
- /20 Quality of data/results & spectra
- /15 Written procedure as performed of final step of synthesis
- /25 Interpretation of results (including lit values)
- /10 Answers to literature & theory questions
- /10 Knowledge of the experiment
- /100 sub total  $\div 5 =$  /20

**A Experiments, W style report**

- /15 Data presentation
- /20 Quality of data/results & spectra
- /15 Letter to a non-scientist
- /25 Interpretation of results (including lit values)
- /25 Answers to literature & theory questions
- /100 sub total  $\div 5 =$  /20

**B Experiment, X style report**

- /5 Overall presentation of report (collation, spelling, proof-reading, grammar etc.)
- /10 Abstract
- /15 Balanced equations & structures
- /25 Quality of results
- /20 Presentation of results (including lit values)
- /20 Interpretation of results
- /5 Conclusion
- /100 sub total  $\div 4 =$  /25

**B Experiment, Y style report**

- /5 Overall presentation of report (collation, spelling, proof-reading, grammar etc.)
- /15 Balanced equations & structures
- /25 Quality of results
- /10 Presentation of results (including lit values)
- /20 Interpretation of results
- /25 Discussion of results in the context of theory or literature
- /100 sub total  $\div 4 =$  /25

**B Experiment, Z style report**

/3	Quality of data/results & spectra
/4	Tabulation & interpretation of results
/5	Displayed knowledge of the experiment (including structures and equations) & literature (including lit values)
/1	Handout submission
/2	Level and selection of content in presentation
/2	Clarity of boardwork
/2	Usefulness of handout
/2	Clarity of oral description
/2	Sequential flow of presentation
/2	Handling of questions
/25	Total