|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Alternative Evidence Gathering Template – Internal Assessment** | | | | | | | | | | | | | | | |  | |
| These templates must only be used to record student achievement and report results where remote assessment is the only practical option and the collection of direct assessment evidence from students has not been at all possible. ‘Alternative Evidence’ is student evidence for internally assessed standards that has been seen or heard within the teaching and learning programme. These templates do not signal a reduction in what is accepted for each grade, but rather a means of summarising evidence for reporting. These templates must be viewed in conjunction with the standard and assessment advice forwarded to schools to ensure that valid, credible and reliable assessment and learning has occurred before the standard is awarded. While physical evidence of student work does not need to be attached, the assessor decisions made must also be verified internally before reporting results. | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
| Student ID | | Student 1 | | | | | | | | | | | Subject | Chemistry | | Level | 3 |
| Notes | |  | | | | | | | | | | | Standard No. | 91388 | | Version | 2 |
| Standard Title | | Demonstrate understanding of spectroscopic data in chemistry | | | | | | | | | | | | | | Credits | 3 |
|  | | | | | | | | | | | | |  | | |  | |
| **Achieved** | | | | | | | | | **Merit** | | | | | | **Excellence** | | |
| Demonstrate understanding of spectroscopic data in chemistry. | | | | | | | | | Demonstrate in-depth understanding of spectroscopic data in chemistry. | | | | | | Demonstrate comprehensive understanding of spectroscopic data in chemistry. | | |
|  | | | | | | | | | | | | |  | | |  | |
| **Key requirements (list):** | | | | | | A | | | M | | | E | **Describe or attach the evidence considered.** | | | **Explain how the judgement was made.** | |
| Identify discrete aspects from each of the three spectroscopic techniques – infrared (IR), mass, and 13C nuclear magnetic resonance (CNMR). | | | | | |  | | |  | | |  |  | | |  | |
| Explain aspects of the three spectroscopic techniques related to the possible structure of an unknown organic molecule. | | | | | |  | | |  | | |  |  | | |  | |
| Integrate aspects of the three spectroscopic techniques to justify the correct structure of the unknown molecule. This includes elaborating how the different aspects of data from the different spectra together consistently align with the proposed structure. | | | | | |  | | |  | | |  |  | | |  | |
|  | | | | |  | |  | | |  | | |  | | |  | |
| **Sufficiency statement** | | | | | | | | | | | | | **Internal Verification** | | | | |
| Achievement | All of A is required | | | | | | | | | | | | Assessor: Date: | | | | |
| Merit | All of A and M is required | | | | | | | | | | | | Verifier: Date: | | | | |
| Excellence | All of A, M and E is required | | | | | | | | | | | | Verifier’s school: | | | | |
| MARK OVERALL GRADE | | | N | A | | | | M | | | E | | Comments: | | | | |

For the purpose of national external moderation:

* only six WORD templates are required where available
* samples are not required to be randomly selected
* there should be one each of N, A, M, E and up to 2 others
* descriptions of evidence and explanations of judgements are not required for all other students, and a spreadsheet may be used.