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| **Narrogin SHS Year 11 ATAR CHEMISTRY**  Name: | |
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| Task No: | 9b |
| Task Type: | Extended Response Validation |
|  |  |
| Content: | Chromatography |
|  |  |
| Task Description: | Complete the attached questions in the spaces provided  15 minutes (test conditions) |
| Total Marks: | 9 |
| Weighting: | 3% |
| Due Date: |  |

**IMPORTANT NOTE TO CANDIDATES**

No other items may be taken into the examination room. It is **your** responsibility to ensure that you do not have any unauthorised notes or other items of a non-personal nature in the examination room. If you have any unauthorised material with you, hand it to the supervisor **before** reading any further.

1. Explain how chromatography works (6 marks)
2. Identify the mobile phase in gas chromatography (1)
3. Identify the stationary phase in HPLC (1)
4. Name one application of TLC (1)