|  |  |
| --- | --- |
| Description | Marks |
|  | 1 |
|  | 1 |
|  | 1 |
|  | 1 |
|  | 1 |
|  | 1 |
|  | 1 |
| 2.014 4.011 1.000  2 4 1  1 mark for ÷ by smallest; 1 mark for rounding | 1 |
| Thus EF is | 1 |
| Total | 9 |

***Empirical formula mass = 42.04 (1 mark )***

***molecular weight = 88g mol-1***

***molecular formula - C4H8O2 (1 mark)***