**Table 1.** Left: Table of retention factors outlining the effect of eluent composition on R*f*.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **acetone/ cyclohexane**  **(%v/v)** | **mean acetyl-eugenol R*f*** | **acetyl-eugenol R*f* ()** | **mean eugenol R*f*** | **eugenol R*f* ()** | **mean R*f*** | **number of TLC analyses** |
| 0 | 0.06 | 0.08 | 0.04 | 0.06 | 0.02 | 12 |
| 5 | 0.34 | 0.11 | 0.27 | 0.09 | 0.07 | 15 |
| 10 | 0.45 | 0.07 | 0.34 | 0.05 | 0.12 | 20 |
| 20 | 0.51 | 0.07 | 0.41 | 0.06 | 0.10 | 20 |
| 30 | 0.58 | 0.10 | 0.49 | 0.12 | 0.10 | 19 |
| 40 | 0.63 | 0.08 | 0.56 | 0.08 | 0.07 | 16 |
| 50 | 0.76 | 0.08 | 0.73 | 0.08 | 0.03 | 17 |
| 60 | 0.77 | 0.13 | 0.73 | 0.15 | 0.04 | 12 |
| 70 | 0.84 | 0.13 | 0.81 | 0.13 | 0.03 | 11 |
| 80 | 0.90 | 0.06 | 0.87 | 0.08 | 0.02 | 10 |
| 90 | 0.88 | 0.06 | 0.87 | 0.05 | 0.01 | 11 |
| 100 | 0.87 | 0.13 | 0.86 | 0.14 | 0.02 | 6 |