Standard curve of curcumin through HPLC data

![Graph of Standard curve of curcumin through HPLC data]

Table showing concentration vs peak area of curcumin and calculated % recovery

| Concentration (µg/ml) | Peak area (mV*s) | Found concentration (µg/ml) | % Recovery          |
|-----------------------|------------------|----------------------------|---------------------|
| 5                     | 76               | 4.943048                   | 98.86095837         |
| 10                    | 145              | 10.36332                   | 103.63315           |
| 15                    | 205              | 15.07659                   | 100.5106049         |
| 20                    | 271              | 20.26119                   | 101.3059701         |
| 25                    | 330              | 24.89592                   | 99.58366064         |
| 30                    | 386              | 29.29497                   | 97.64990835         |
| 40                    | 515              | 39.42852                   | 98.5712883          |
| 50                    | 659              | 50.74038                   | 101.4807541         |
| mean= 8               |                  |                            | 100.1995369         |
| SD                    |                  |                            | 1.930028493         |

| SE of intercept       | 4.596292569     |
| SD of intercept       | 13.00027858     |
| LOD                   | 3.37006436      |
| LOQ                   | 10.21231624     |