Ratios, factors and correlations in figures 3-1 to 3-6 for Krebs buffer validation and figures 3-8 to 3-13 for serum validation were calculated as follows:

```
Ratio \(=\underline{\text { Propranolol area }}\)
    Sildenafil area
Factor \(=\frac{1}{\text { Slope }}\)
```

Correlation= SQRT ( $\mathbf{R}^{\mathbf{2}}$ )

