

FORMAT FOR THE PRESENTATION OF THE SUMMARY OF THE RESULTS OF COLLABORATIVE STUDIES

	sample A	sample B	sample C	sample D
x				
L				
s _r				
s _L				
s _R				
RSD _r				
RSD _R				
r				
R				
RSD _R (Hor)				

Where:

x = average

L = number of laboratories

s_r = repeatability standard deviation

s_L = "pure" between laboratory standard variation

s_R = reproducibility standard deviation = $\sqrt{(s_r^2 + s_L^2)}$

RSD_r = repeatability relative standard deviation (s_r/x*100)

RSD_R = reproducibility relative standard deviation (s_R/x*100)

r = repeatability (s_r*2.8)

R = reproducibility (s_R*2.8)

RSD_R(Hor) = Horwitz value calculated from: $2^{(1 - 0.5 \log c)}$

where c = the concentration of the analyte as a decimal fraction

NB Where appropriate values should be given in units of g/kg !

STATFORM