

**Technical specifications and test procedures for water quality on-line
automatic monitoring equipment of chemical oxygen demand COD_{Cr}**

(s) ^ %

n

S

LOQ

$$S = \sqrt{\frac{1}{n} \sum_{i=1}^n (x_i - \bar{x})^2}$$

$$LOQ = k \times S$$

S n

n

x_i i
 \bar{x}

PJ

LOQ

n n

n n

S

$$S = \frac{\sqrt{\frac{1}{n} \sum_{i=1}^n (x_i - \bar{x})^2}}{\bar{x}}$$

R R

RD

$$RD \frac{\sum_i^n |R \ R|}{nR}$$

RD

R i

R

R

n

T

$$T \ x \ \frac{x \ x \ x \ x \ x \ x}{\quad}$$

T

x i

V

V

V

V

$$V \ \frac{V \ V}{V}$$

V

V

V

D D D

$$D \frac{D}{D} \frac{D}{D}$$

ΔD
 D
 D

C C C T

$$\Delta T = \frac{C - C}{C} \times \%$$

ΔT
 C t
 C

n n X \bar{B} \bar{A}

n' n' n'

$$\bar{A} = \frac{\sum_{i=1}^n |X_i - \bar{B}|}{nB} \times$$

\bar{a}

$$\bar{a} = \frac{\sum_{i=1}^n |X_i - \bar{B}|}{n}$$

\bar{A}
 \bar{a}
 X
 \bar{B}
 n
 i

i

i

$$D = \frac{D_e}{D_t} \times$$

D
 D_e
 D_t

j

j

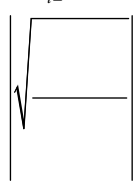
C i
 S

S

S

S

$$S = \frac{\sqrt{\frac{1}{n} \sum_{i=1}^n \left(C_{ij} - \frac{1}{n} \sum_{i=1}^n C_{ij} \right)^2}}{\frac{1}{n} \sum_{i=1}^n C_{ij}} \times$$



n n
 m
 C_{ij} i j ij i n j m
 S j
 S

n n

n n

S_r

R R

