

Lampiran 1. Konsentrasi Uji Definitif

$$\begin{aligned}\text{Log } N/n &= k (\log a/n) \\ \text{Log } 400/10 &= 5 (\log a/10) \\ 2,6 - 1 &= 5 \log a - 5 (1) \\ 1,6 &= 5 \log a - 5 \\ 6,6/5 &= \log a \\ 1,32 &= \log a \\ a &= \text{unlog } 1,32 \\ \mathbf{a} &= \mathbf{20,89 \text{ ppm}}\end{aligned}$$

$$\begin{aligned}a / n &= b / a \\ 20,89 / 10 &= b / 20,89 \\ 2,08 &= b / 20,89 \\ \mathbf{b} &= \mathbf{43,64 \text{ ppm}}\end{aligned}$$

$$\begin{aligned}b / a &= c / b \\ 43,64 / 20,89 &= c / 43,64 \\ 2,08 &= c / 43,64 \\ \mathbf{c} &= \mathbf{91,17 \text{ ppm}}\end{aligned}$$

$$\begin{aligned}c / b &= d / c \\ 91,17 / 43,64 &= d / 91,17 \\ 2,08 &= d / 91,17 \\ \mathbf{d} &= \mathbf{190,48 \text{ ppm}}\end{aligned}$$

$$\begin{aligned}d / c &= e / d \\ 190,48 / 91,17 &= e / 190,48 \\ 2,08 &= e / 190,48 \\ \mathbf{e} &= \mathbf{397,96 \text{ ppm}}\end{aligned}$$