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5. Diket

$$\% \text{ selulosa} = 0,68\%$$

$$T = 303,15 \text{ K (30}^\circ\text{C)}$$

$$f = 0,85 \text{ kg/L}$$

Ditanya

kepadatan pengotor dalam ppm

$$\text{kepadatan selulosa} = \frac{0,68 \text{ g}}{100 \text{ g}} \times \frac{100 \text{ mg}}{\text{g}} \times \frac{1000 \text{ g}}{1 \text{ kg}} \times \frac{0,85 \text{ kg}}{\text{L}}$$

$$= 5780 \text{ mg/L atau ppm}$$