Lampiran I

Data-data
No batch 011088 T
Berat tablet kalsium laktat 592.53 gr
Volume Na. EDTA yang terpakai
V1 = 11.35 ml V2 = 11.38ml V3 = 11.35 ml
Normalitas yang dipakai 0.04902 N
Ketelitian burret 0.05 ml
N. EDTA yang dipakai 15.42 ml

Perhitungan
Kadar 1 = \( \frac{V \times \text{Titrasi} \times N \times N.\text{EDTA} \times \text{Berat Tablet} \times 100\%}{0.05 \times 200 \times 500} \)
= \( \frac{11.35 \times 0.04902 \times 15.42 \times 592.53 \times 100\%}{0.05 \times 200 \times 500} \)
= 101.67 %

Kadar 2 = \( \frac{V \times \text{Titrasi} \times N \times N.\text{EDTA} \times \text{Berat Tablet} \times 100\%}{0.05 \times 200 \times 500} \)
= \( \frac{11.38 \times 0.04902 \times 15.42 \times 598.53 \times 100\%}{0.05 \times 200 \times 500} \)
= 101.93 %

Kadar 3 = \( \frac{V \times \text{Titrasi} \times N \times N.\text{EDTA} \times \text{Berat Tablet} \times 100\%}{0.05 \times 200 \times 500} \)
Kadar rata-rata yang diperoleh:

\[
\text{Kadar rata-rata} = \frac{\text{kadar 1} + \text{kadar 2} + \text{kadar 3}}{3}
\]

\[
= \frac{101.67\% + 101.93\% + 101.67\%}{3}
\]

\[
= 101.75\%
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