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LAMPIRAN

1. Hasil pengukuran dengan spektrofotometer : Absorbansi

$A_{blangko} = 20$

$A_{2a}\,S_1 = 150 - 20 = 130$
$S_2 = 200 - 20 = 180$
$S_3 = 156 - 20 = 136$
$S_4 = 196 - 20 = 176$
$S_5 = 286 - 20 = 266$

$A_{3a}\,S_1 = 293 - 20 = 273$
$S_2 = 650 - 20 = 630$
$S_3 = 552 - 20 = 532$
$S_4 = 580 - 20 = 560$
$S_5 = 820 - 20 = 800$

2. Hasil pengukuran setelah penambahan larutan KCN :

$A_{blangko} = 30$

$A_{2b}\,S_1 = 142 - 30 = 112$
$S_2 = 185 - 30 = 155$
$S_3 = 138 - 30 = 108$
$S_4 = 170 - 30 = 140$
$S_5 = 248 - 30 = 218$

$A_{3b}\,S_1 = 170 - 30 = 140$
$S_2 = 258 - 30 = 228$
$S_3 = 198 - 30 = 168$
$S_4 = 226 - 30 = 196$
$S_5 = 322 - 30 = 292$

3. Hasil perhitungan kadar methemoglobin dalam sampel :

$$S1 = 100 \times \frac{130 - 112}{273 - 140} = 100 \times \frac{18}{133} = 13{,}5\,\%$$

$$S2 = 100 \times \frac{180 - 155}{630 - 228} = 100 \times \frac{25}{402} = 6{,}22\,\%$$

$$S3 = 100 \times \frac{136 - 108}{532 - 168} = 100 \times \frac{28}{364} = 7{,}69\,\%$$

$$S4 = 100 \times \frac{176 - 140}{560 - 196} = 100 \times \frac{36}{364} = 9{,}89\,\%$$

$$S5 = 100 \times \frac{266 - 218}{800 - 292} = 100 \times \frac{48}{508} = 9{,}48\,\%$$