

## LAMPIRAN

. Tabel Pengamatan Absorbansi Sampel dengan aseton 65%

Sampel (gram)	pelarut (ml)	Absorbansi (644 nm)	Absorbansi (663 nm)	Kadar Total Klorofil (mg/l)
0,1	10	0,341	0,504	10,093
0,2	10	0,410	0,609	13,166
0,3	10	0,520	0,683	15,982
0,4	10	0,545	0,775	17,224
0,5	10	0,623	0,890	19,723

Tabel Pengamatan Absorbansi dengan aseton 70%

Sampel (gram)	pelarut (ml)	Absorbansi (644 nm)	Absorbansi (663 nm)	Kadar Total Klorofil (mg/l)
0,1	10	0,383	0,608	12,613
0,2	10	0,478	0,755	15,711
0,3	10	0,564	0,796	17,777
0,4	10	0,689	0,866	20,863
0,5	10	0,721	0,909	21,854

Tabel Pengamatan Absorbansi Sampel dengan aseton 75%

Sampel (gram)	pelarut (ml)	Absorbansi (644 nm)	Absorbansi (663 nm)	Kadar Total Klorofil (mg/l)
0,1	10	0,431	0,712	14,416
0,2	10	0,507	0,788	16,561
0,3	10	0,611	0,830	18,999
0,4	10	0,701	0,935	22,140
0,5	10	0,826	1,036	24,140

Tabel Pengamatan Absorbansi Sampel dengan aseton 80%

Sampel (gram)	pelarut (ml)	Absorbansi (644 nm)	Absorbansi (663 nm)	Kadar Total Klorofil (mg/l)
0,1	10	0,478	0,872	16,649
0,2	10	0,573	0,999	19,587
0,3	10	0,660	1,085	22,034
0,4	10	0,734	1,143	23,994
0,5	10	0,852	1,227	27,050

Tabel Pengamatan Absorbansi Sampel dengan aseton 85%

Sampel (gram)	pelarut (ml)	Absorbansi (644 nm)	Absorbansi (663 nm)	Kadar Total Klorofil (mg/l)
0,1	10	0,501	0,924	17,530
0,2	10	0,598	1,124	21,094
0,3	10	0,682	1,290	24,122
0,4	10	0,751	1,352	26,013
0,5	10	0,886	1,469	29,678

- **Perhitungan Kadar Klorofil total**

**Rumus :**

$$\text{Klorofil total (mg/L)} = (20,2A_{644} + 8,02A_{663})\text{mg/L}$$

**1. Perhitungan Kadar Klorofil total sampel dengan aseton 65%**

$$\begin{aligned} \text{Sampel 1} &= (20,2 \cdot 0,341 + 8,02 \cdot 0,504) \text{ mg/L} \\ &= (6,888 + 4,042) \\ &= 10,93 \text{ mg/L} \end{aligned}$$

$$\begin{aligned} \text{Sampel 2} &= (20,2 \cdot 0,410 + 8,02 \cdot 0,609) \text{ mg/L} \\ &= (8,282 + 4,884) \\ &= 13,166 \text{ mg/L} \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 3} &= (20,2 \cdot 0,520 + 8,02 \cdot 0,683) \text{ mg/L} \\
 &= (10,504 + 5,478) \\
 &= 15,982 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 4} &= (20,2 \cdot 0,545 + 8,02 \cdot 0,775) \text{ mg/L} \\
 &= (11,009 + 6,215) \\
 &= 17,224 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 5} &= (20,2 \cdot 0,623 + 8,02 \cdot 0,890) \text{ mg/L} \\
 &= (12,585 + 7,138) \\
 &= 19,723 \text{ mg/L}
 \end{aligned}$$

## 2. Perhitungan kadar klorofil total sampel dengan aseton 70%

$$\begin{aligned}
 \text{Sampel 1} &= (20,2 \cdot 0,383 + 8,02 \cdot 0,608) \text{ mg/L} \\
 &= (7,737 + 4,876) \\
 &= 12,613 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 2} &= (20,2 \cdot 0,478 + 8,02 \cdot 0,755) \text{ mg/L} \\
 &= (9,656 + 6,055) \\
 &= 15,711 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 3} &= (20,2 \cdot 0,564 + 8,02 \cdot 0,796) \text{ mg/L} \\
 &= (11,393 + 6,384) \\
 &= 17,777 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 4} &= (20,2 \cdot 0,689 + 8,02 \cdot 0,860) \text{ mg/L} \\
 &= (13,918 + 6,945) \\
 &= 20,863 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 5} &= (20,2 \cdot 0,721 + 8,02 \cdot 0,909) \text{ mg/L} \\
 &= (14,564 + 7,290) \\
 &= 21,854 \text{ mg/L}
 \end{aligned}$$

### 3. Perhitungan kadar klorofil total sampel dengan aseton 75%

$$\begin{aligned}
 \text{Sampel 1} &= (20,2 \cdot 0,431 + 8,02 \cdot 0,712) \text{ mg/L} \\
 &= (8,706 + 5,710) \\
 &= 14,416 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 2} &= (20,2 \cdot 0,507 + 8,02 \cdot 0,788) \text{ mg/L} \\
 &= (10,241 + 6,320) \\
 &= 16,561 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 3} &= (20,2 \cdot 0,611 + 8,02 \cdot 0,830) \text{ mg/L} \\
 &= (12,342 + 6,657) \\
 &= 18,999 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 4} &= (20,2 \cdot 0,701 + 8,02 \cdot 0,935) \text{ mg/L} \\
 &= (14,60 + 7,980) \\
 &= 22,1140 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 5} &= (20,2 \cdot 0,896 + 8,02 \cdot 1,036) \text{ mg/L} \\
 &= (16,685 + 8,309) \\
 &= 24,994 \text{ mg/L}
 \end{aligned}$$

### 4. Perhitungan kadar klorofil total sampel dengan aseton 80%

$$\begin{aligned}
 \text{Sampel 1} &= (20,2 \cdot 0,478 + 8,02 \cdot 0,872) \text{ mg/L} \\
 &= (9,656 + 6,993) \\
 &= 16,649 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}
 \text{Sampel 2} &= (20,2 \cdot 0,573 + 8,02 \cdot 0,999) \text{ mg/L} \\
 &= (11,757 + 8,012) \\
 &= 19,587 \text{ mg/L}
 \end{aligned}$$

$$\begin{aligned}\text{Sampel 3} &= (20,2 \cdot 0,660 + 8,02 \cdot 1,085) \text{ mg/L} \\ &= (13,332 + 8,702) \\ &= 22,034 \text{ mg/L}\end{aligned}$$

$$\begin{aligned}\text{Sampel 4} &= (20,2 \cdot 0,734 + 8,02 \cdot 1,143) \text{ mg/L} \\ &= (14,827 + 9,167) \\ &= 23,994 \text{ mg/L}\end{aligned}$$

$$\begin{aligned}\text{Sampel 5} &= (20,2 \cdot 0,852 + 8,02 \cdot 1,227) \text{ mg/L} \\ &= (17,210 + 9,840) \\ &= 27,050 \text{ mg/L}\end{aligned}$$

### 5. Perhitungan kadar klorofil total sampel dengan aseton 85%

$$\begin{aligned}\text{Sampel 1} &= (20,2 \cdot 0,501 + 8,02 \cdot 0,924) \text{ mg/L} \\ &= (10,120 + 7,410) \\ &= 17,530 \text{ mg/L}\end{aligned}$$




$$\begin{aligned}\text{Sampel 2} &= (20,2 \cdot 0,598 + 8,02 \cdot 1,124) \text{ mg/L} \\ &= (12,080 + 9,014) \\ &= 21,094 \text{ mg/L}\end{aligned}$$

$$\begin{aligned}\text{Sampel 3} &= (20,2 \cdot 0,682 + 8,02 \cdot 1,290) \text{ mg/L} \\ &= (13,776 + 10,346) \\ &= 24,122 \text{ mg/L}\end{aligned}$$

$$\begin{aligned}\text{Sampel 4} &= (20,2 \cdot 0,751 + 8,02 \cdot 1,352) \text{ mg/L} \\ &= (15,170 + 10,843) \\ &= 26,013 \text{ mg/L}\end{aligned}$$

$$\begin{aligned}\text{Sampel 5} &= (20,2 \cdot 0,886 + 8,02 \cdot 1,469) \text{ mg/L} \\ &= (17,897 + 11,781) \\ &= 29,678 \text{ mg/L}\end{aligned}$$

## Lampiran Gambar

Keterangan	Daftar Gambar
Larutan sampel yang di amati	 
Larutan Blanko	
Gambar Spektrofotometer visibel	