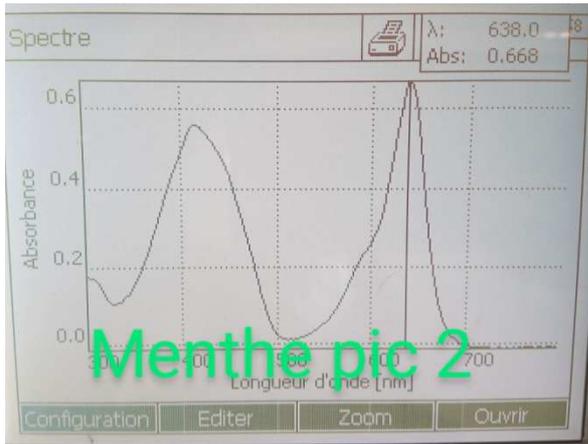
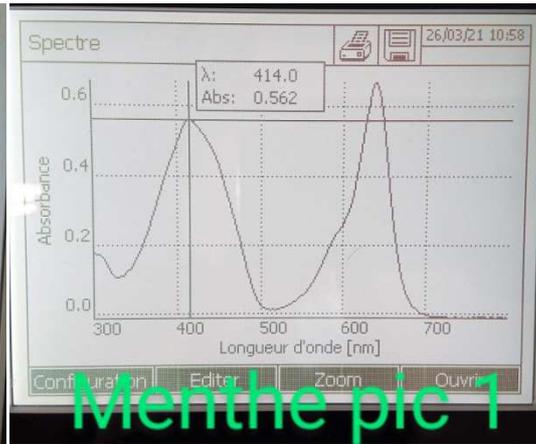


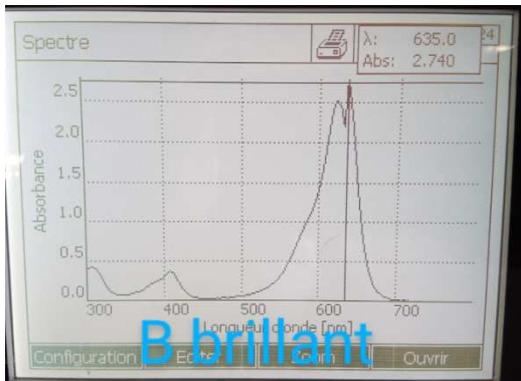
Réponses :



Menthe pic 2



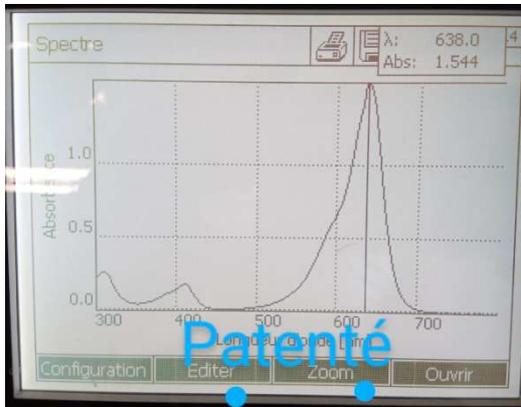
Menthe pic 1



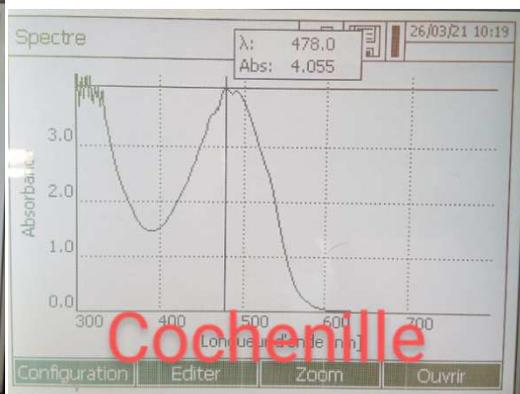
B brillant



Tartrazine



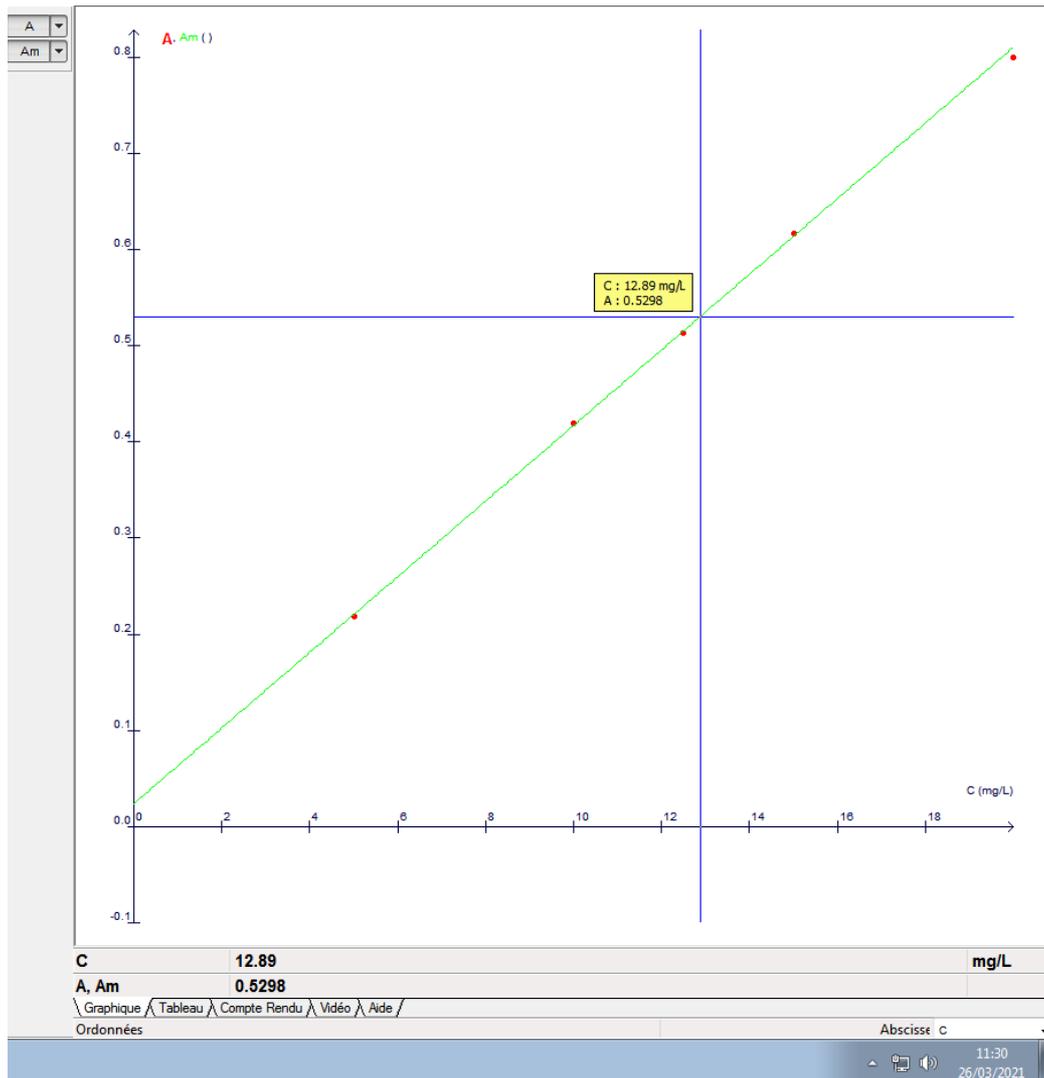
Patenté



Cochenille

Jaune tartrazine (25mg.L⁻¹) $\lambda=428\text{nm}$

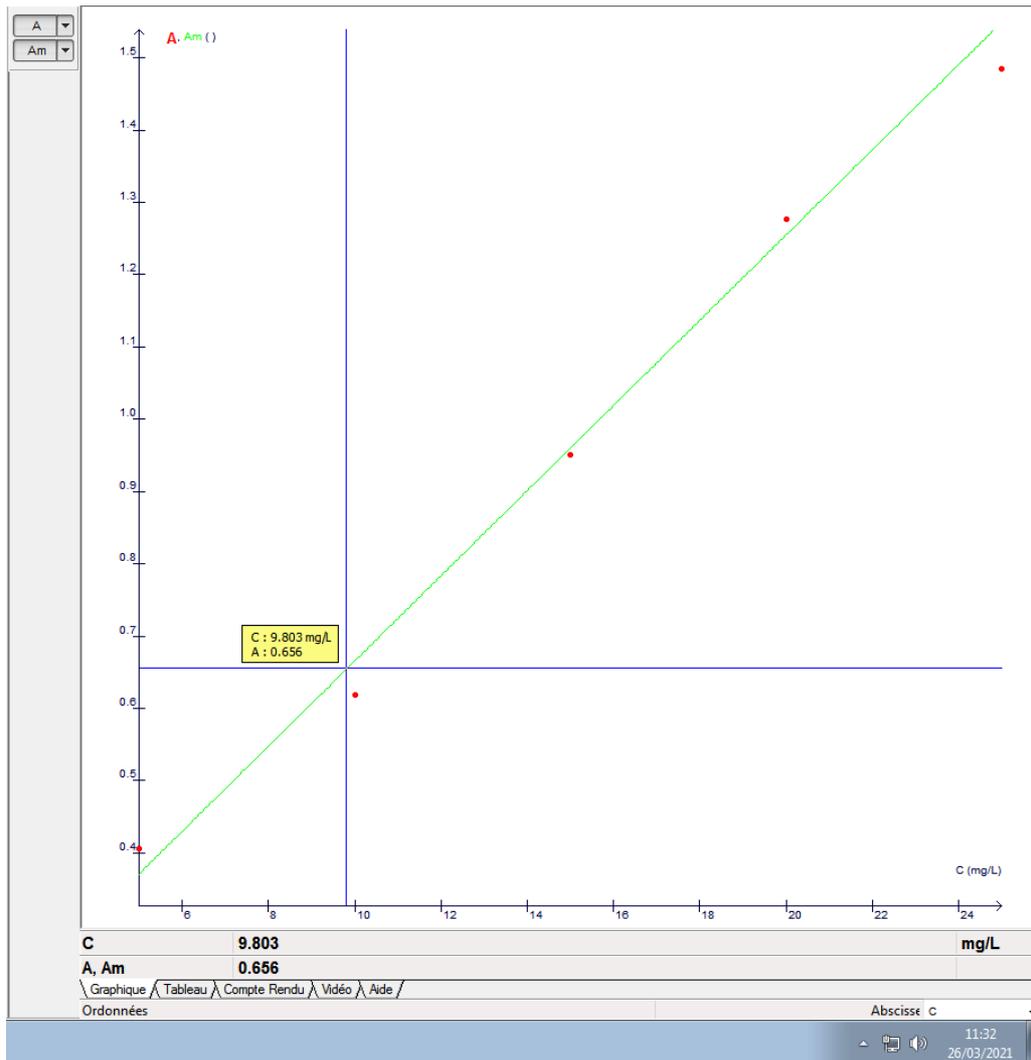
JT tube n°	1	2	3	4	5		Sirop
V _{JT} (mL)	2	4	5	6	8		
V _{eau} (mL)	8	6	5	4	8		
C _{filie} (mg.L ⁻¹)	5	10	12.5	15	20		
A	0,219	0,419	0,513	0,616	0,799		0,529



On trouve C=12,89mg.L⁻¹ en jaune tartrazine dans le sirop de menthe dilué 10 fois

Bleu Brillant ($50\text{mg}\cdot\text{L}^{-1}$) $\lambda=635\text{nm}$

JT tube n°	1	2	3	4	5		Sirop
V_{JT} (mL)	1	2	3	4	5		
V_{eau} (mL)	9	8	7	6	5		
$C_{\text{fille}}(\text{mg}\cdot\text{L}^{-1})$	5	10	15	20	25		
A	0,406	0,618	0,951	1,277	1,485		0,656



On trouve $C=9,803\text{ mg}\cdot\text{L}^{-1}$ en bleu brillant dans le sirop de menthe dilué 10 fois