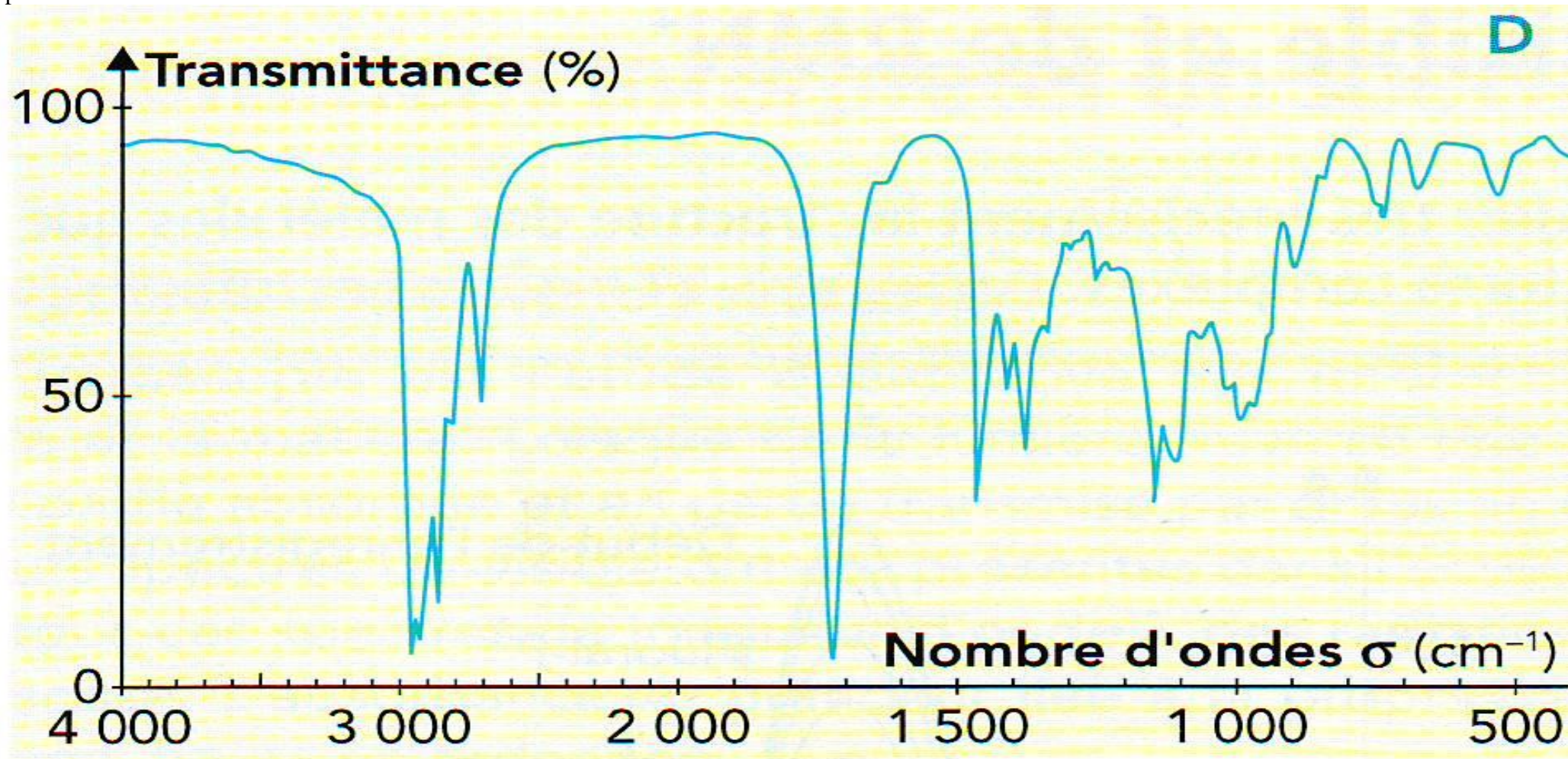


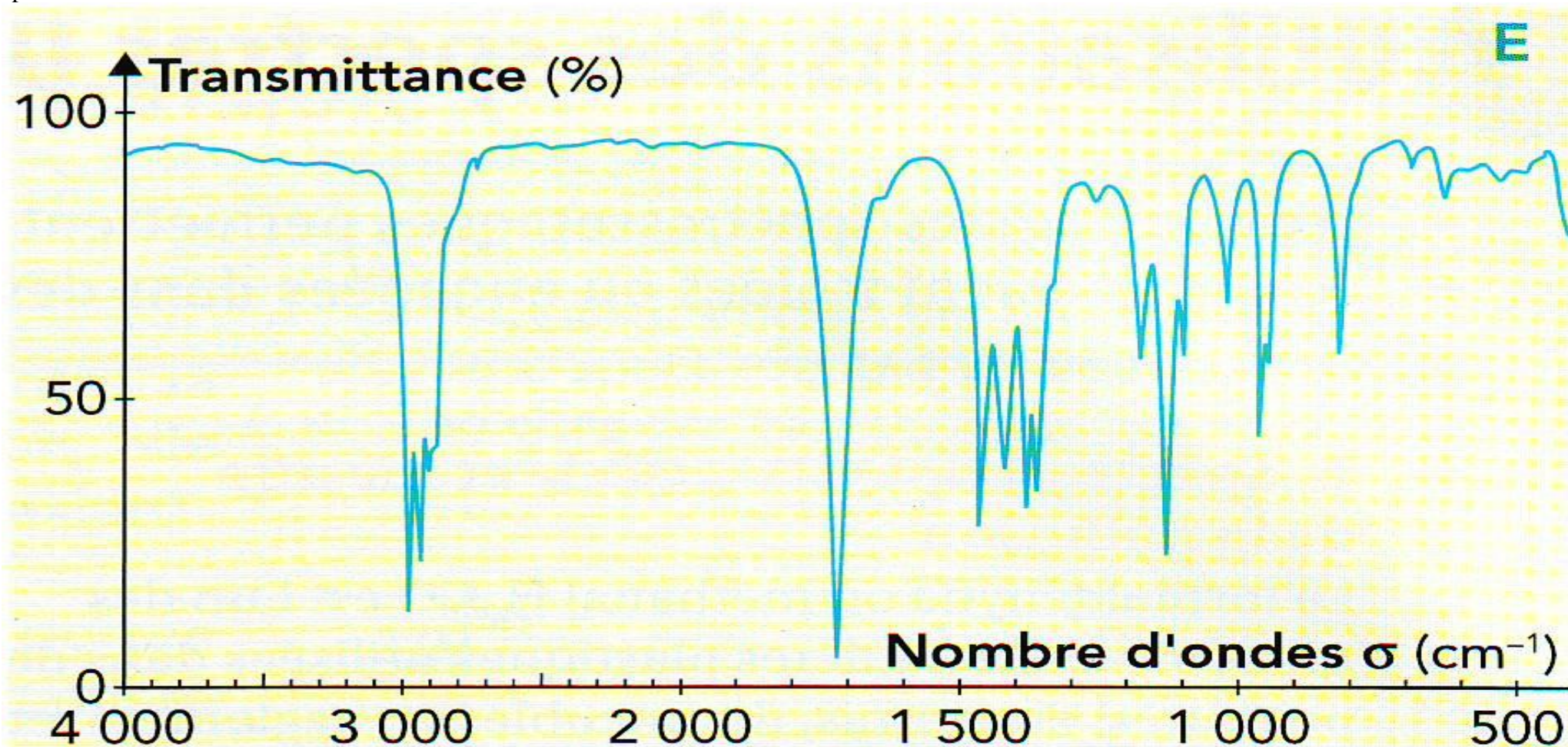
Spectre D



Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

pentanal

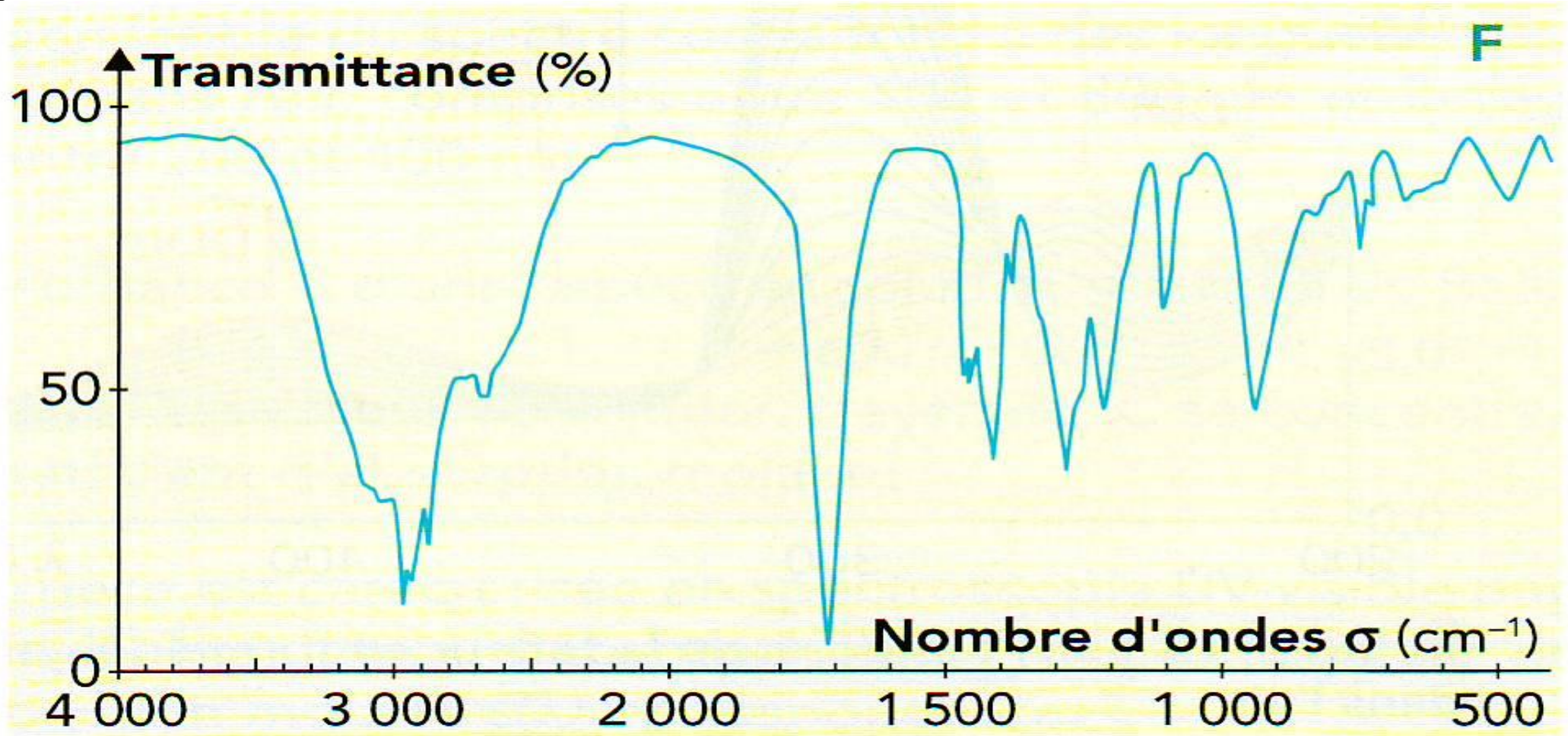
Spectre E



Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

Pentan-3-one

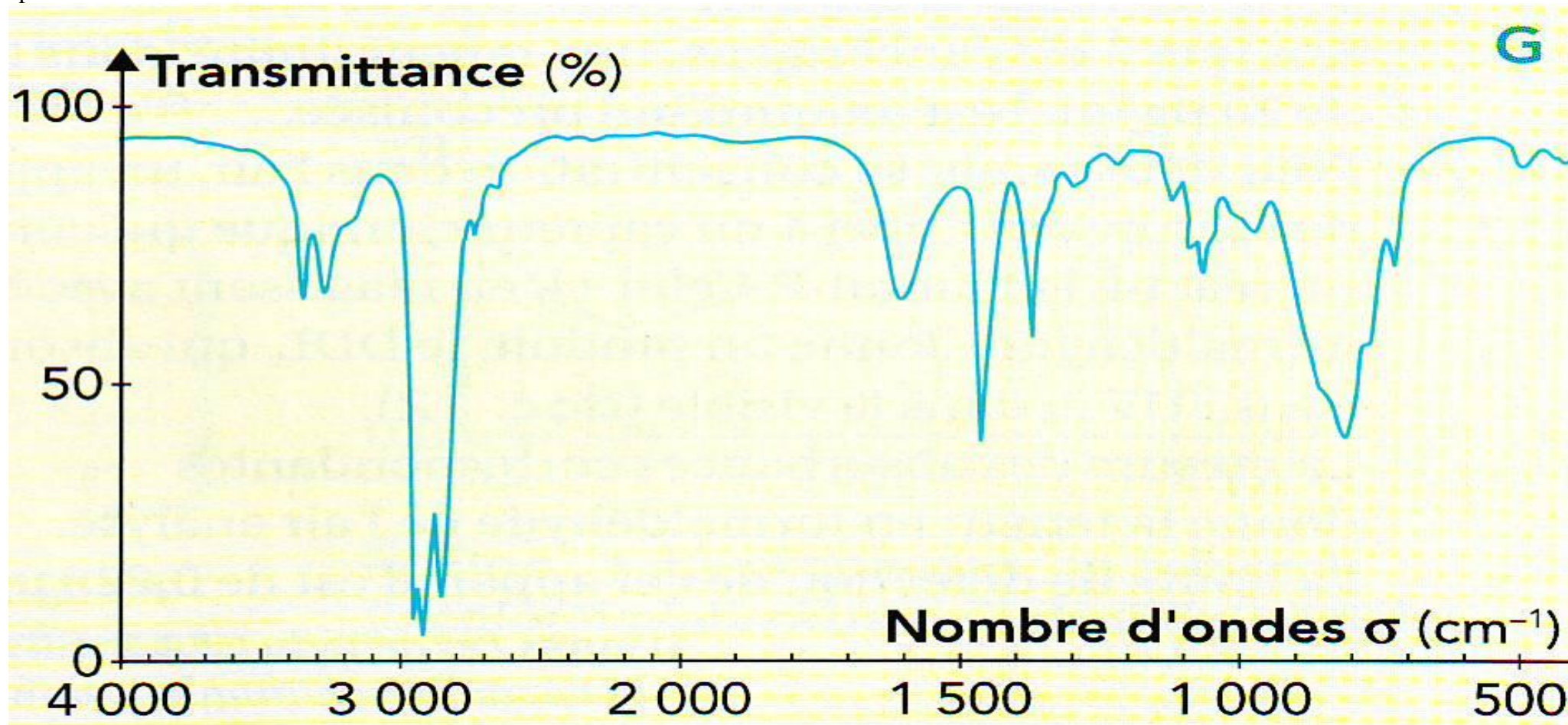
Spectre F



Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

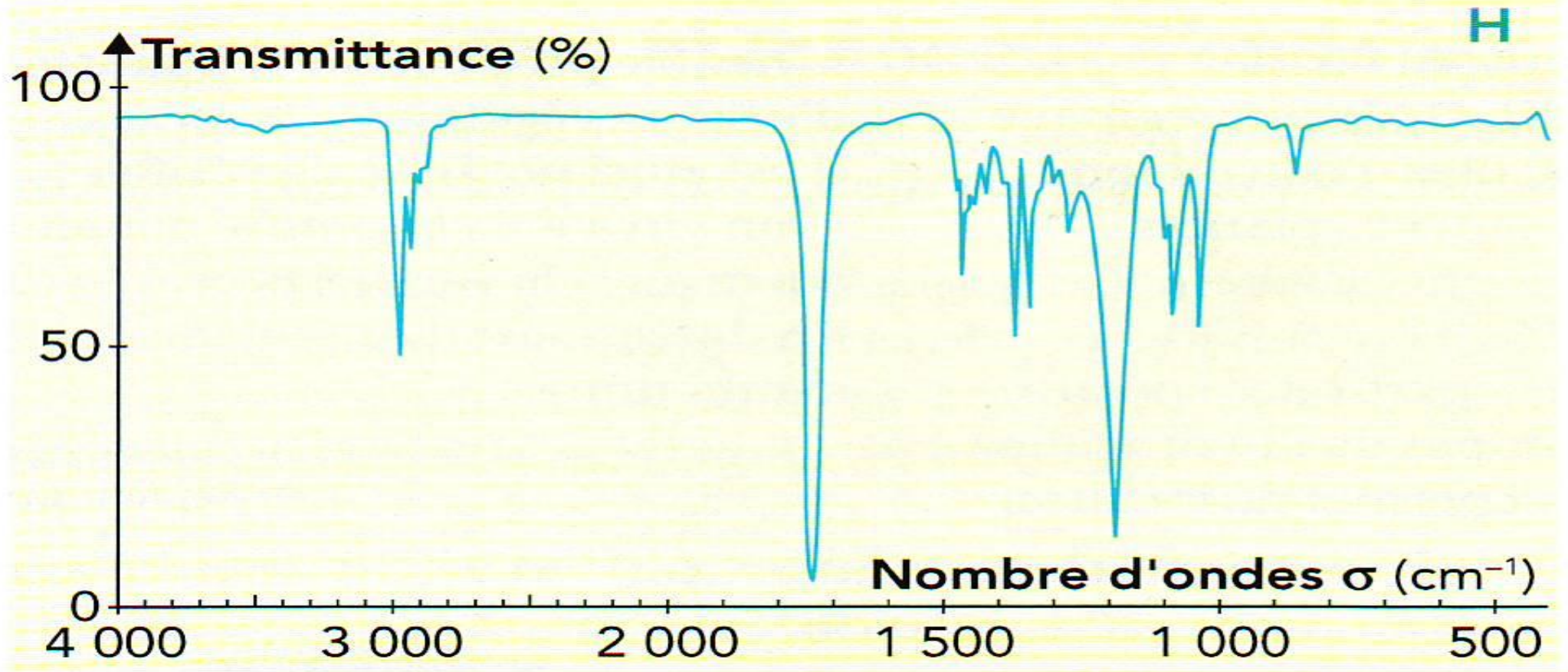
Acide pentanoïque

Spectre G



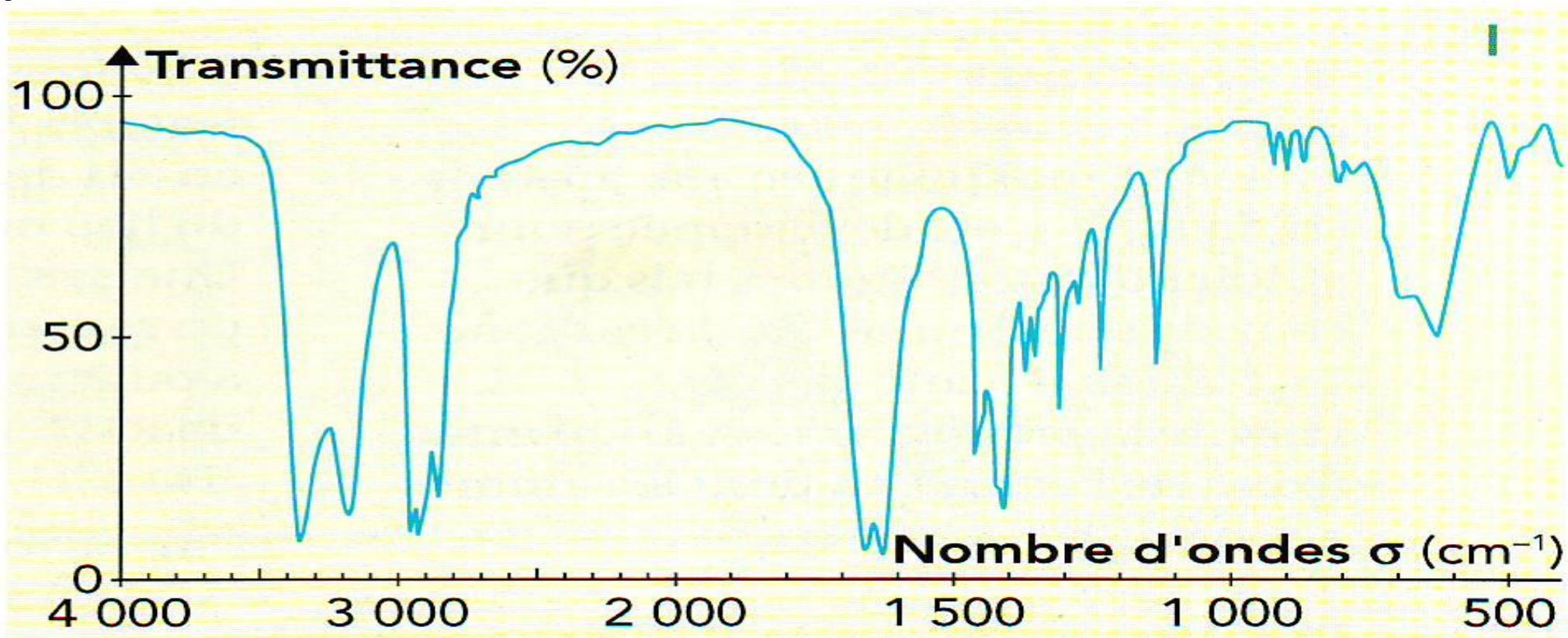
Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

Pentan-1-amine



Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

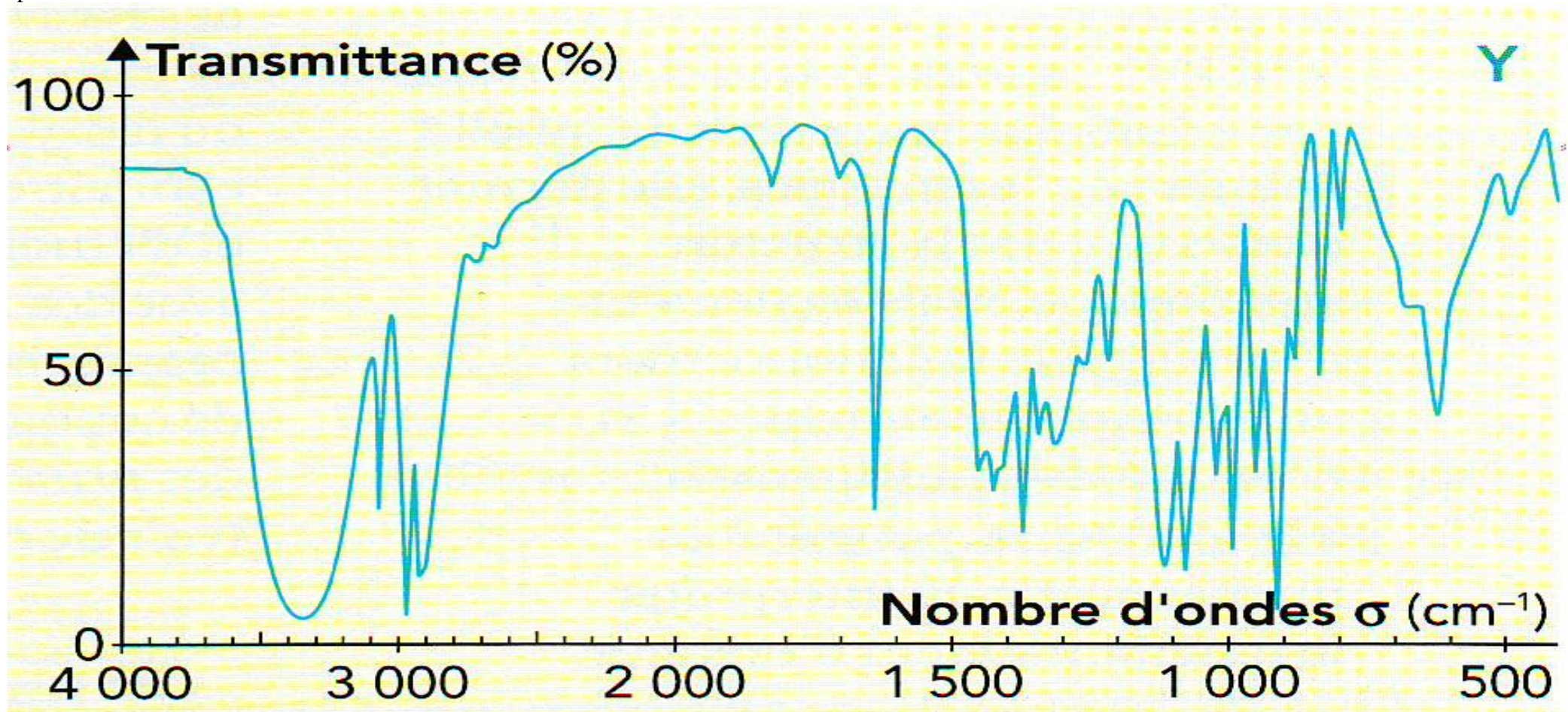
Spectre I



Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

Pentanamide

Spectre Y



Liaison	O—H _{libre}	O—H _{lié}	N—H	C _{tri} —H	C _{tri} —H _{ar}	C _{tét} —H	C _{tri} —H _{ald}	O—H _{ac.car}	C=O _{ester}	C=O _{ald.cét}	C=O _{ac.car}	C=C	C=C _{ar}	C _{tét} —H	C _{tét} —O	C _{tét} —C _{tét}
σ (cm ⁻¹)	3580 3650	3200 3400	3100 3500	3000 3100	3030 3080	2800 3000	2750 2900	2500 3200	1700 1740	1650 1730	1680 1710	1625 1685	1450 1600	1415 1470	1050 1450	1000 1250
Intensité	F ; bf	F ; bl	M	M	M	F	M	F ; bl	F	F	F	M	M	F	F	F

pent-4-èn-2-ol