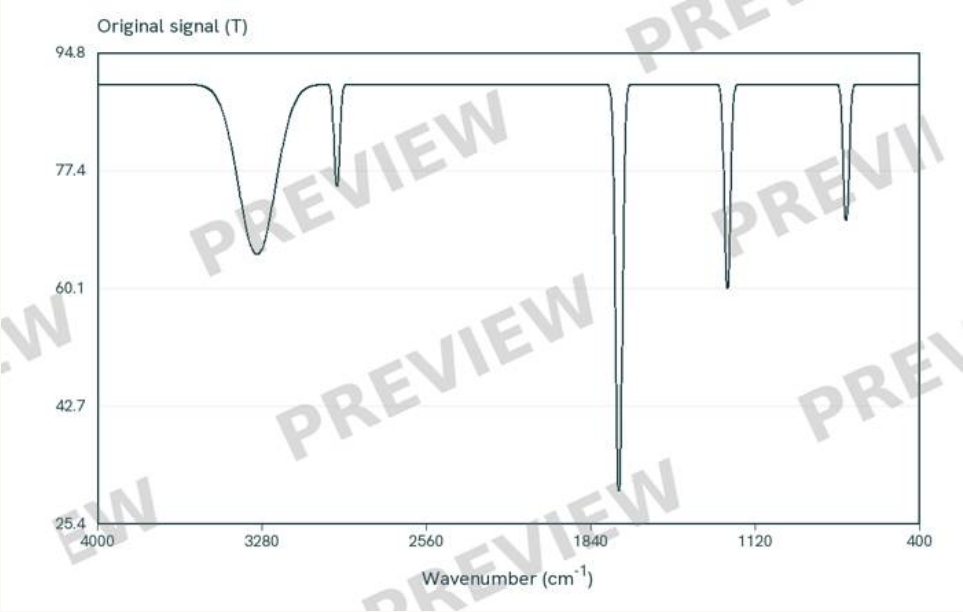
espectroFTIR

Espectroscopia aplicada

Band interpretation preview

Free sample ▪ partial table

5 detected bands ▪ 3 rows in this sample ▪ 2 additional rows in the full table



Quantity: T ▪ estimated from the value range (confirm whether it is transmittance or absorbance)

Sample of interpreted bands

Position (cm^{-1})	Intensity	Vibrational assignment	Functional group
~3300	Broad, medium	str. N–H / str. O–H	Amine / amide / Hydroxyl (alcohol / phenol / water)
~2950	Weak	Aliphatic str. C–H	Carbon chain
~1714	Very strong	str. C=O	Carbonyl (ketone / aldehyde / acid)

This is a partial selection, not a ranking of scientific importance.

Reading and limitations

This sample presents suggested assignments for some detected bands. A partial table does not establish the absence of other functional groups or identify a substance. The full spectrum, acquisition conditions and limitations must be assessed together.

Quality: adequate

Paid full report

Full table, regional discussion, method, limitations and references. PDF, editable Word and supplementary files.