

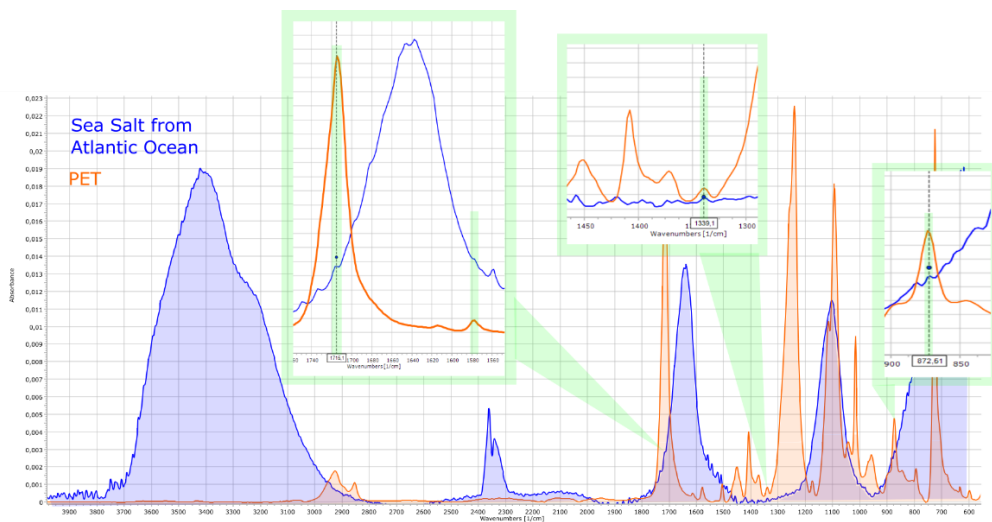
Be sure what you eat

Plastic particles in sea salt.

Everything we do comes back to us at one time or another. This is also how it is with our thoughtless handling of plastics. We definitely meet them again, visibly and invisibly, as the FT-IR analysis of sea salt from the Atlantic Ocean shows.



For the investigation, a sample of a commercial sea salt from the Atlantic Ocean was taken and finely ground in an agate mortar to pulverize and homogenize the components. The following FT-IR measurement was compared with FT-IR spectra from a polymer database. Several matches were found with commercially available packaging plastics. The largest amount of all plastics found was PET, which is used in the beverage bottles.



CONCLUSION:

Infrared spectroscopic analysis has identified quantities of several plastics, including PET, which is used in our beverage bottles. The sea has crushed it into microscopic particles and returns it to us.