

Pigment analyses

Filtering and shipping procedures

We would like to draw your attention to a few important issues, when preparing samples for analyses in DHI Pigment Analysis Laboratory:

The filtration process should be finished within 10-15 min and take place in dim light. The volume filtered should make the filter visibly coloured. If the sample clogs the filter during the filtration process, the filtration process is restarted using a smaller volume and a new filter.

Log the volume, e.g., in an Excel file, and e-mail the volumes and filter number to DHI. Aluminium foil should prior to filtering be labelled with successive numbers starting from 1. Do not write any other information on the foil; other relevant information should be logged somewhere else. When the sample has passed the filter, the vacuum is closed, and the filter is folded using a forceps, placed in the aluminium foil, and IMMEDIATELY frozen in liquid nitrogen. Afterwards the filters can be stored at -80 °C for at least one year.

When shipping filters to DHI they should be shipped on dry ice. Dry ice is considered as dangerous goods. A freight forwarding company can help with correct labelling and with filling out the shipping documents. The value of the package should be <10 EUR, since the filters have no commercial value. Please make sure that filters are shipped on a Monday, so they arrive before a weekend. DHI is closed during weekends and it is very important that the filters are delivered on a week day, so they don't thaw if not delivered. Include at least 5 kg dry ice when shipping inside Europe and 10-12 kg dry ice from outside Europe. Please arrange with DHI prior to shipping to ensure that we know when to expect the filters, and so we can track the filters and store them at -80 °C upon arrival.

Please contact us for more information: c14@dhigroup.com

