

Erlab's 6 step process guarantees your safety and success.



Erlab's state-of-the-art research and development Laboratory

1 State-of-the-Art Laboratory

Investment is ongoing in our lab with top-notch engineers and chemists that are experts in molecular filtration with access to sophisticated analytical equipment. We continually work to improve our products and services for your safety and to develop new products that offer the best protection for all laboratory personnel.

Expertise. To keep you safe

2 Published Chemical Listing

We publish what our filters can do! You can't comply with AFNOR NFX 15-211 without producing a chemical listing. Our in-house lab tests the retention capacity of our filters and we publish a list stating the chemical name, the molecular weight, the grams our filter can retain and under what conditions, the filter type needed to retain the chemical, and the type of saturation detection you need.

We measure the safety of our filters.

3 Independent Testing

Proof of our claims. Independent testing is done to prove that what we stated in our chemical listing is true. This testing also proves that during normal operation or during detection, the concentration at the filter exhaust will be lower than 1% of the TLV. If there is a spill, the concentration at the filter exhaust will be less than 50% of the TLV.

You will never be exposed to harmful chemicals.

4 Chemical Assessment for your chemical handlings

Assurance that a ductless hood is safe for you. We won't sell a hood without verifying that it is right for your chemical handlings. Your specific chemical handlings are analyzed by our in-house test laboratory. We determine if your chemical handlings can be done safely using our hoods and filters. We let you know the most efficient filter type that is needed, the filter lifetime, and the best method to detect saturation.

We are liable for your safety.

5 Certificate of Validation

It is important to know what chemicals your hood can handle. A certificate that gives the precise details of the chemicals to be used, the filter type, and an estimation of the filter life expectancy is provided and posted on the front of the hood. This informs the user which chemicals are approved for use in the hood.

We put it in writing.

6 Safety Program

It is important that a safety specialist from the manufacturer regularly follows up with you to be sure the hood is in proper working order, check if any chemicals used in the hood have changed, and inform you when your filters need replacement.

Guaranteeing your safety for life.

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Experts in air filtration for the protection of laboratory personnel