

Institute of Air Handling and Refrigeration
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Analysis and Evaluation of Refrigerant Samples

Client:	Phone/Fax:
Adress / delivery address:	E-Mail protocoll:
	VAT:
	E-Mail invoicing:

Ordering number / PO:	Date of sample collection:	Rating according to DIN 8960?
Sample description:		Yes: No:
Refrigerant:	Background information:	
Sample number:		

We herewith instruct and authorise the ILK with the analysis and the evaluation of refrigerant sample(s) from the liquid phase with the following scope of investigation:

	Ammonia R717	Single-component refrigerant	Refrigerant mixtures with 2 or more components
Lump sum for protocol including sample handling and individual assessment*	70 €		70 €
a Water content	150 €		100 €
b High-boiling residues (mass fraction)	70 €		70 €
c Neutralization number / Acidity (Anion determination, IC)	100 €		90 €
d IR from the oil or the organic residues (Requirement: High-boiling residues b)	60 €		60 €
e GC-MS/FID analysis for purity			170 €
f Analysis of the composition of refrigerant mixtures (Requirement: GC-MS/FID analysis for purity e)			70 € **
g Determination of inert gas content and inert gas composition (N ₂ , O ₂ , H ₂)	140 €		140 €
h Disposal of the sample up to 0.5 kg, cleaning of the refrigerant container, leak detection	95 €		60 €
i Provision of the refrigerant container and shipment within EU			80 € ***

* For sample bottles larger than 10 kg total weight an additional charge of 30 € will be made.

** Per individual component.

*** Valid for return within 4 weeks, for each additional week 40 € per container will be charged.

All prices are excl. VAT. We are bound to the above prices from 01.01.2023 to 31.12.2023.

General Terms and Conditions: <https://www.ilkdresden.de/en/company/terms-and-conditions/>

With this order other terms and conditions are excluded. We offer to negotiate payment methods, warranty and liability conditions individually.

Please note and follow the German GGVSEB and the European ADR when sending samples.

Date / Stamp / Signature
 (Digital ID for mail correspondence)