



## Preventative maintenance for your system

### Refrigerant analysis

Today, with tighter EPA regulations, the use of recycled and reclaimed refrigerant is becoming more common. Refrigerant charges are also being used longer. Therefore, the chances of using or buying a contaminated refrigerant are on the rise. A solution to this problem is the Trane Chemical Laboratory.

### The Trane Chemical Laboratory

The Trane Chemical Laboratory has been serving the HVAC industry for over 45 years. By focusing on this industry, the Trane Chemical Laboratory has developed the specialized expertise to analyze fluids from lithium bromide solutions to refrigerants. Backed by the world's leader in chiller manufacturing, the Trane Chemical Laboratory has experience analyzing virtually all types of refrigerants.

### Why perform refrigerant analysis?

- Helps extend the life of the existing charge
- Ensures peak chiller operating efficiency
- Protects the unit from damage
- Helps find and fix problems before they become more serious.

### What does a refrigerant analysis provide?

The Trane Chemical Laboratory offers two types of refrigerant analysis:

- Suitability for continued use – refrigerant from a unit is analyzed to find contamination levels. When contaminant levels fall outside acceptable ranges, corrective actions are recommended.
- Reclaimed refrigerant to ARI 700-93 standards – aluates and accepts/rejects reclaimed refrigerant for resale.

Your time is valuable. Results are provided within three working days. Knowing the status of your equipment and materials will help you make sound decisions quickly. The Trane Chemical Laboratory stores past sample results from each unit, so they can be used in providing future service recommendations.

#### **Part of an important service team**

A refrigerant analysis, performed by a knowledgeable lab and interpreted by a qualified service engineer, will provide you with valuable information about your refrigerant. We're Trane – we know refrigerants.

The Trane Chemical Laboratory also does analysis services for absorption chiller solutions and compressor oils.



For more information, contact the [Trane Chemical Laboratory](https://www.tranetechnologies.com) (1-877-632-9192) or your local Trane office.



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