

AHRI-700 Refrigerant Analysis Report

Customer	Chiller Services Refrigerants
Address	13564 E. Imperial Hwy. Unit D
City/State	Santa Fe Springs, CA 90670
Contact	Steve Harrill
email	info@amalinatechnologies.com
Phone	(562)404-9955

PO	
Refrigerant Type	R22
Job Description	Test Location
Sample ID	TestSample01
Date Requested	8/11/2024

Sample	
Refrigerant	R134a
Quantity	1118
Date	8/15/2022
Lab #	20220812_07

System/Compressor	
Manufacturer	Carrier
Model Number	02XR
Serial Number	1234Q54321

Analysis

GC Analysis (Purity %)		Sample Results	AHRI 700 Specifications	Results
Refrigerant	R134a	99.66 %	99.5% Minimum	PASS
Other	R125	0.23 %		
	R32	0.11 %		
	R22	Trace		
Non Condensables (Air, other, % vol @25C)		0.51 %	1.5% by volume Maximum	PASS
Moisture (parts per million by weight)		7.5 ppm	10 ppm Maximum	PASS
	Estimated total water	0.008 lbs		
High Boiling Residue (% by weight)		0.01 %	0.01% Maximum	PASS
	Description			
Acidity (ppm as HCl)		0.18 ppm	1 Maximum	PASS
Chloride (pass / fail)		PASS	No Turbidity	PASS
Particulate (pass / fail)		PASS	Visually Clean	PASS

Notes and Recommendations

Color Indicates AHRI 700 Specification

Color Indicates Within Service Limits

Color Indicates Outside of Service Limits

Tested by: *Kyle Robertson* Date: *8/15/2022*

This Report is provided to the Customer only and my not be utilized by any other person or entity without written consent from Amalina Technologies. Any alteration of this document by any person my constitute a violation of Federal Civil Criminal Law in the United States and/or other countries. The technical information and comments provided in this report pertains only to the sample provided by the customer to Amalina Technolgies and might not be representative of the system from which the sample was collected. Amalina Technologies assumes no liability for the use of this information or any damages incurred through the use or application.