

## Analysis Report: ST19-11134.001

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the below results. Users of analytical results, when establishing conformance with commercial or regulatory requirements should note the full provisions of ASTM D3244, IP 367 and ISO 4259 in that context, the default confidence level of petroleum testing having been set at the 95% confidence level. Your attention is specifically drawn to Sections 7.3.6., 7.3.7 and 7.3.8 of ASTM D3244. With respect to the UOP methods listed in the report below the user is referred to the method and the statement within it specifying that the precision statements were determined using UOP Method 999. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory.

JOB ORDER NO. :	OPCNT1900608-01CG	BOSS ORDER NO.:	--
LOCATION :	Jiangsu, China.	PRODUCT DESCRIPTION :	Refrigerant - R134a
SAMPLE SOURCE :	Iso Tank	SOURCE ID :	ZSMU 2011641
SAMPLE TYPE :	--	SAMPLE BY :	SGS
SAMPLED :	28/11/2019	RECEIVED :	03/12/2019
ANALYSED :	05/12/2019	COMPLETED :	05/12/2019
REPORT COMMENT :	The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.		

PROPERTY	METHOD	RESULT UNITS	MIN	MAX
Purity of R-134a	AHRI 700-2017 Appendix C Part 9	99.95 % (m/m)	99.5	--
Acidity (as HCl)	AHRI 700-2017 Appendix C Part 1	Not Detected mg/kg	--	1
Chloride	AHRI 700-2017 Appendix C Part 4	Pass ---	--	--
Non-Condensable Gas at 25°C	AHRI 700-2017 Appendix C Part 5	0.06 % (V/V)	--	1.5
Water	AHRI 700-2017 Appendix C Part 2	8 mg/kg	--	10
High Boiling Residue	AHRI 700-2017 Appendix C Part 3	<0.01 % (V/V)	--	0.01
Particulates/Solids	AHRI 700-2017 Appendix C Part 3	Pass ---	--	--

----- End of Analytical Results -----

REPORTED BY

AUTHORISED SIGNATORY

Star Du  
Chemist

Demin Wang  
Lab Manager



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