



GENSO GENEL SOGUTMA EKIPMANLARI SANAYI IC VE DIS TIC. LTD. STI.

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## CERTIFICATE OF ANALYSIS

Sample name: REFRIGERANT GAS R407C

Batch NO.: 20190221

Sample source: 11.3KG PER CYLINDER

Produce time: FEB 21,2019

Test standard: CRAA 100-2012

Sampling time: FEB 21,2019

Density items	Standard demands	Results
Smell	Colourless and no smelling	Colourless and no smelling
Appearance	Colourless and not turbid	Colourless and not turbid
Purity	≥99.9	99.93
HF C-32,%	23±2	22.7
HF C-125a,%	25±2	24.8
HF C-134a,%	52±2	52.5
Evaporation residue%	≤0.01	0.00087
Acidity (as HCl) %	≤0.000 1	<0.000 1
Moisture%	≤0.001	0.0008
Fouling gas %	≤1.5	0.46
Chloride (Cl),%	Conformity	Conformity
Product amount:25764.00KGS	Final conclusion: Conformity	
Tester: Guangjun Xu		
Checker: Feiwei Chen		
Auditor: Cong Hu		

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## CERTIFICATE OF ANALYSIS

Sample name: REFRIGERANT GAS R134A

BATCH NO: 20190221

Sample source: 13.6KG PER CYLINDER

Produce time: FEB 21,2019

Test standard: GB/T18826-2016

Sampling time: FEB 21,2019

Density items	Standard demands	Results
Smell	Colourless and no smelling	Colourless and no smelling
Appearance	Colourless and not turbid	Colourless and not turbid
R-134A	≥99.9	99.96
Moisture%	≤0.001	0.00086
Evaporation residue%	≤0.01	0.0008
Acidity (as HCl) %	≤0.0001	<0.0001
Fouling gas %	≤1.5	0.31
Chloride (Cl),%	Conformity	Conformity
Product amount: 15504.00KG	Final conclusion: Conformity	
Tester: Zheng Wang		
Checker: Feiwei Chen		
Auditor: Cong Hu		

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## CERTIFICATE OF ANALYSIS

Sample name: REFRIGERANT GAS R404A

Batch NO.: 20190221

Sample source: 9.8KG PER CYLINDER

Produce time:FEB 21,2019

Test standard: CRAA 100-2012

Sampling time: FEB 21,2019

Density items	Standard demands	Results
Smell	Colourless and no smelling	Colourless and no smelling
Appearance	Colourless and not turbid	Colourless and not turbid
Purity	≥99.5	99.93
HF C-143A,%	52±1	51.7
HF C-125,%	44±2	43.9
HF C-134a,%	4±2	4.4
Moisture%	≤0.001	0.00077
Evaporation residue%	≤0.01	0.0009
Acidity (as HCl) %	≤0.0001	<0.0001
Fouling gas %	≤1.5	0.51
Chloride (Cl),%	Conformity	Conformity
Product amount:22344.00KGS	Final conclusion: Conformity	
Tester: WU LONG FEI		
Checker: GAO RONG FU		
Auditor: XU DONG BO		

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## CERTIFICATE OF ANALYSIS

Sample name: REFRIGERANT GAS R410A

Batch NO.: 20190221

Sample source: 11.3KG PER CYLINDER

Produce time: FEB 21,2019

Test standard: CRAA 100-2012

Sampling time: FEB 21,2019

Density items	Standard demands	Results
Smell	Colourless and no smelling	Colourless and no smelling
Appearance	Colourless and not turbid	Colourless and not turbid
Purity	≥99.9	99.9
HF C-32,%	49.5±1	49.9
HF C-125a,%	50.5±1	50.1
Evaporation residue%	≤0.01	0.00091
Acidity (as HCl) %	≤0.000 1	<0.000 1
Moisture%	≤0.001	0.0008
Fouling gas %	≤1.5	0.10
Chloride (Cl),%	Conformity	Conformity
Product amount:12882 KGS	Final conclusion: Conformity	
Tester: Guangjun Xu		
Checker: Feiwei Chen		
Auditor: Cong Hu		