

Specification R 448A

	unit	min.	max.	test method
Purity	%-wt	99,5		Gas chromatography

Composition

R 134a	%-wt	20	23	Gas chromatography
R 1234yf	%-wt	18	20,5	Gas chromatography
R 125	%-wt	25,5	28	Gas chromatography
R 32	%-wt	24	26,5	Gas chromatography
R 1234ze	%-wt	5	7,5	Gas chromatography

Impurities

Water	mg/kg (ppm)	20	Moisture analysator Al ₂ O ₃ -cell
High boiling residue	%-wt	0,01	Controlled total evaporation
Acidity	mg/kg	0,1	Titration
Non-conden- sable gases	%-vol	1,5	Gas chromatography
Particulates/solids	clear, colourless, liquified gas		Visual inspection