

Specification R 448A

	unit	min.	max.	test method
purity	%-wt	99,5		gaschromatography

composition

R 134a	%-wt	20	23	gaschromatography
R1234yf	%-wt	18	20,5	gaschromatography
R 125	%-wt	25,5	28	gaschromatography
R 32	%-wt	24	26,5	gaschromatography
R 1234ze	%-wt	5	7,5	gaschromatography

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	gaschromatography
particulates/solids	clear, colourless, liquified gas			visuell inspection