

Perchloroethylene

Product Specification - Version 1 dated May 13, 2015

Property Name	Specification	Result	Test Method
Appearance	Clear, colorless, free of suspended matter	Complies	QA/STP/Physical Appearance/P11,12/01
Colour, Hazen	15 max.	9	QA/STP/Colour/P11,12/02
Identification by GC	The RT of the sample should be matched with RT of reference standard	Complies	QA/STP/GC/P11,12/03
Purity by GC, w/w %	99.90 min.	99.91	QA/ STP/GC /P11,P12/ 03
Relative Density, 27°/27 °C	1.610 - 1.620	1.615	QA/ STP/Relative Density / P11,P12/ 13
Residue on evaporation, w/w % by mass	0.01 max.	0.0006	QA/ STP/Relative Density /P11,P12/ 13
Distillation Range, between 119 to 122 °C; the temperature being corrected for 760 mmHg pressure, v/v %	95 min.	98	QA/ STP/Distillation yield / P11,P12/ 15
Moisture, w/w ppm	100 max.	39	QA/ STP/Water / P11,P12/ 07
Free chlorine	To pass the test	Complies	QA/ STP/Free chlorine / P11,P12/ 09
Alkalinity as Sodium Hydroxide (NaOH), w/w ppm	5 - 30	6	QA/ STP/Alkalinity-IS / P11,P12/ 16
Non-Volatile Residue, w/w, ppm	10 max.	4	QA/ STP/Non Volatile Residue / P11,P12/ 11
pH	Informative	8.06	QA/ STP/pH P11,12/ 29
Notes: None			

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For detailed safety and handling information regarding these products, please refer to the respective Solvents and Petroleum Service, Inc. Safety Data Sheets (SDS).