



TECHNICAL DATA SHEET

CHLOROFORM FOR HPLC (STABILIZED WITH AMYLENE)

Trichloromethane

Article No.	220251000	Molecular Formula	CHCl ₃
H.S. Code	2903.1300	Molecular Weight	119.38
CAS No.	67-66-3		

Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear Colorless
Odour	Sweet pleasant
Melting point [°C]	-63 °C
Decomposition point [°C]	290°C
Boiling point [°C]	60.5 - 61.5 °C
Initial boiling point [°C]	60.5 °C
Final boiling point [°C]	61.5 °C
Evaporation rate	11.6
Vapour pressure [20°C]	213.3 hPa at 20°C
Vapour density	4.12
Density [g/cm ³]	1.492
Solubility in water [% weight]	Slightly soluble
Partition coefficient Log Pow octanol / water at 20°C	1.97
Viscosity at 40°C [mm ² /s]	0.58 cps@ 20 °C

Specifications

Assay (by GC) % Min 99.8
Water (KF) % Max 0.05
Residue on Evaporation % Max 0.0005
Acidity/Alkalinity (meq/g) Max 0.0002
Absorbance at 250 nm AU Max 0.5
Absorbance at 260 nm AU Max 0.075
Absorbance at 270 nm AU Max 0.01
Absorbance at 280 nm AU Max 0.005

Safety Information and Hazard Symbols



Symbol	GHS07, GHS08
Signal Word	Warning
UN No	1888
IMCO Class No.	6.1
Hazardous Statement	H331-H302- H351-H319- H361d-H315-H372
Precaution Statement	P201-P280-P302+P352-P304+P340-P305+P351+P338- P308+P313-P403+P233-P501
Packing Group	III