

Chloroform GPR RECTAPUR®

Stabilised with ethanol 0.6 %

Assay (on anhydrous substance)	99.0 to 99.6 %
Density (20/4)	1.478 to 1.484
Distillation range	59 to 62 °C
Ethanol	0.6 to 1.0 %
Evaporation residue	Max. 50 ppm
Free chlorine	Max. 10 ppm
Heavy metals (as Pb)	Max. 10 ppm
Water	Max. 100 ppm

Cat. No.	Pk	Pack type
22706.292	1 l	Glass bottle
22706.326	2,5 l	Glass bottle
22706.361	5 l	Fluorinated plastic bottle
22706.463	25 l	Metal drum
22706.554	200 l	Metal drum

Chloroform GPR RECTAPUR®

Stabilised with 2-methyl-2-butene 0.002 ppm

Assay	Min. 99 %
Density (20/4)	1.478 to 1.484
Distillation range	59 to 62 °C
2-Methyl-2-butene	15 to 25 ppm
Evaporation residue	Max. 10 ppm
Free chlorine	Max. 10 ppm
Heavy metals (as Pb)	Max. 10 ppm
Water	Max. 100 ppm

Cat. No.	Pk	Pack type
22707.295	1 l	Glass bottle
22707.320	2,5 l	Glass bottle
22707.364	5 l	Fluorinated plastic bottle

Chloroform, dehydrated (max. 0.01% H₂O) GPR RECTAPUR® for synthesis

Stabilised with ethanol 0.6 %

Assay	99.0 to 99.6 %
Ethanol	0.6 to 1.0 %
Evaporation residue	Max. 50 ppm
Water	Max. 100 ppm

Cat. No.	Pk	Pack type
22710.321	2,5 l	Glass bottle

VWR CHEMICALS // Chloroform for biotechnology

Purity >99.8%. Commonly mixed with phenol to enhance the extraction of DNA. Used to recover the aqueous phase overlaid with mineral oil in PCR procedures.

Abs.@ 245 nm	1.00
Abs.@ 255 nm	0.25
Abs.@ 260 nm	0.15
Abs.@ 270 nm	0.05
Abs.@ 290 nm	0.01
Abs.@ 400 nm	0.01
Chloride	< 10 ppm
Colour (APHA)	< 10
Lead	< 0.05 ppm
Moisture (KF)	0.05 %
Purity	99.8 %
Residue after Evaporation	0.001 %
Specific Gravity	REPORT
Titratable Free Acid	< 0.5 meq/g

Cat. No.	Pk	Pack type
0757-500ML	500 ml	Glass bottle
0757-950ML	950 ml	Glass bottle

Chloroform TECHNICAL

Stabilised with ethanol 0.6 %

Assay	Min. 98 %
Ethanol	0.6 to 1.0 %

Cat. No.	Pk	Pack type
22720.360	5 l	Fluorinated plastic bottle
22720.462	25 l	Metal drum

Chloroform-[D1]

Trichloromethane-D1, Chloroform-D

Warning

H351 H302 H373 H315
P201 P281 P302+P352 P309+P311

CAS 865-49-6

EINECS: 212-742-4

UN: 1888

ADR 6.1,III

CDCl₃

M.W. 120.37 g/mol

Density: 1.5 g/cm³ (20 °C)

Boiling Pt: 60.8 °C (1013 hPa)

Melting Pt: -64.1 °C

Storage Temperature: 2 - 8 °C



Chloroform-[D1] 99.80 for NMR spectroscopy



Assay (on anhydrous substance)	Min. 99.9 %
Isotopic enrichment (FT NMR 400 MHz)(D)	Min. 99.80 %
Water	Max. 0.01 %

Cat. No.	Pk	Pack type
87153.0010	10 ml	Glass bottle
87153.0025	25 ml	Glass bottle
87153.0100	100 ml	Glass bottle
87153.0500	500 ml	Glass bottle
87153.0006	1 Pack	Glass ampoule

1 Pack = 10 x 0.6 ml

Chloroform-[D1] 0.03% TMS (99,8% D) for NMR spectroscopy

Assay (on anhydrous substance)	Min. 99.9 %
Isotopic enrichment (FT NMR 400 MHz)(D)	Min. 99.80 %
Water	Max. 0.01 %

Cat. No.	Pk	Pack type
84111.0025	25 ml	Glass bottle
84111.0100	100 ml	Glass bottle
84111.0500	500 ml	Glass bottle

Chloroform : iso-Amyl alcohol (24:1 v:v)

Warning

H351 H302 H373 H315
P201 P281 P302+P352 P309+P311

UN: 1888

ADR 6.1,III



Restricted to industrial plants

Storage Temperature: Ambient temperature