



Chloroform**PRODUCT CODE: PG-7570-500ML**

Grade: BIOTECHNOLOGY GRADE

CAS Number: 67-66-3

Synonym(s): trichloromethane, TCM, methyl trichloride

Molecular Weight: 119.38

Molecular Formula: CHCl_3

Storage Condition: ROOM TEMPERATURE

Overview

Purity >99.8%. Chloroform is commonly mixed with equal volumes of phenol to enhance the extraction of DNA. In this extraction procedure, a biphasic mixture is formed. Chloroform is used to recover the aqueous phase overlaid with mineral oil in PCR procedures

Specification:

Abs.@ 245nm	1.00
Abs.@ 255nm	0.25
Abs.@ 260nm	0.15
Abs.@ 270nm	0.05
Abs.@ 290nm	0.01
Abs.@ 400nm	0.01
Chloride (ppm)	< 10
Color (APHA)	< 10

Lead (ppm)< 0.05
Moisture (KF) (%)0.05
Purity (%)99.8
Residue after Evaporation (%)0.001
Specific Gravity..... REPORT
Titratable Free Acid (meq/g)< 0.5



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