

Specification Sheet

SIGMA-ALDRICH®

Product Name	Tetrahydrofuran, inhibitor-free, suitable for HPLC, ≥99.9%
Product Number	34865
Product Brand	SIGALD
CAS Number	109-99-9
Molecular Weight	72.11

TEST

SPECIFICATION

APPEARANCE (COLOR)	Colorless
APPEARANCE (FORM)	Liquid
COLOR (IN APHA)	≤ 10 APHA
TITRATABLE ACID	FREE ACID ≤ 0.002 % AS ACETIC ACID
PURITY (GC AREA %)	≥ 99.90 %
WATER (COULOMETR.)	≤ 0.05 %
RESIDUE (EVAPORATION)	≤ 0.0005 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE
UV-ABSORBANCE	≤ 0.005 AT 400NM
UV-ABSORBANCE	≤ 0.005 AT 350NM
UV-ABSORBANCE	≤ 0.0044 AT 315NM
UV-ABSORBANCE	≤ 0.02 AT 300NM
UV-ABSORBANCE	≤ 0.046 AT 275 NM
UV-ABSORBANCE	≤ 0.18 AT 250NM
UV-ABSORBANCE	≤ 0.26 AT 245NM
UV-ABSORBANCE	≤ 1.0 AT 212NM
PEROXIDES	≤ 0.05 % (AS H ₂ O ₂)
RECOMMENDED RETEST PERIOD	36 Months