



Tetrahydrofuran

Synonyms:

THF, Tetramethylene oxide, Oxolane, Butylene oxide

OCH₂CH₂CH₂CH₂

Classification

Danger

Molecular weight

72.11 ONU

2056



CAS

109-99-9 Transport hazard class:

3



EEC-N:

203-726-8 Packing

II

Tetrahydrofuran

> RS - SPECTROSOL - For optical spectroscopy - Not stabilized - Reag.Ph.Eur.

Special Grade

Description	Clear colourless liquid	-
Colour	<= 10	APHA
Identification	Positive	-
Density d _{20/4}	0.885 - 0.893	-
Refractive index at 20°C	1.4040 - 1.4100	-
Boiling point	64.0 - 65.0	°C
Water (K.F.)	<= 200	ppm



Residue on evaporation	<= 5	ppm
Acidity	<=0.0005	meq/g
Alcalinity	<= 0.0002	meq/g
Peroxide (as H ₂ O ₂)	<= 300	ppm
Assay (GC)	>= 99.9	%
UV Transmittance	-	-
at 240 nm	>= 30	%
at 250 nm	>= 50	%
at 300 nm	>= 95	%
at 320 nm	>= 98	%
UV Absorbance	-	-
at 255 nm	<= 0.70	AU
at 270 nm	<= 0.10	AU
at 310 nm	<= 0.01	AU

ID	Size	Packaging
000000000000487345	1 l	Glass bottle
000000000000487346	2.5 l	Glass bottle



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