



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 - For HPLC - Isocratic grade - Stabilized with BHT

Special Grade

Assay (GC)	>= 99.8	%
Non volatile residue (without stab.)	<= 5	ppm
Description	Clear colourless liquid	-
Identification	Conform	-
Colour	<= 10	APHA
Refractive index at 20°C	1.405 - 1.409	-
Water (K.F.)	<= 200	ppm



Tetrahydrofuran**> RS - For HPLC - Isocratic grade - Stabilized with BHT****Special Grade**

Peroxide (as H ₂ O ₂)	<= 50	ppm
Stabilizer (ionol)	40 - 60	ppm
UV Transmittance	-	-
at 240 nm	>= 10	%
at 250 nm	>= 40	%
at 280 nm	>= 30	%
at 300 nm	>= 90	%
at 320 nm	>= 95	%
Free acid (as CH ₃ COOH)	<= 20	ppm
Description	Clear colourless liquid	-
Identification	Conform	-
Colour	<= 10	APHA
Refractive index at 20°C	1.405 - 1.409	-
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Tetrahydrofuran		> RS - For HPLC - Isocratic grade - Stabilized with BHT	Special Grade
at 300 nm	>= 90	%	
at 320 nm	>= 95	%	
Free acid (as CH3COOH)	<= 20	ppm	
Assay (GC)	>= 99.8	%	
Non volatile residue (without stab.)	<= 5	ppm	

ID	Size	Packaging
0000000000000412471	1 l	Glass bottle
0000000000000412472	2.5 l	Glass bottle