penta CHEMICALS UNLIMITED®

Specification

Tetrahydrofuran

Chemical formula: C_4H_8O
Molar mass: 72,11 g/mol
CAS: 109-99-9
EINECS: 203-726-8

A.G. (27070)

Appearance	clear colorless liquid
Assay	min. 99,8 %
Water	max. 0,1 %
Residue after evaporation	max. 0,005 %
Boiling point	65 - 67 °C
Density (20 °C)	0,887 g/cm3
Refractive index	1,408
Stabilizer (BHT)	min. 0,01 %

pure (27030)

Appearance	clear liquid
Assay	min. 99,0 %
Water	max. 0,1 %
Boiling point	65 - 67 °C
Density (20 °C)	0,887 g/cm3
Refractive index	1,408
Stabilizer (BHT)	min. 0,01 %
Color scale (APHA)	max. 20

ACS (27020)

Appearance	clear liquid
Color scale (APHA)	max. 20
Assay	min. 99,0 %
Water	max. 0,05 %
Residue after evaporation	max. 0,03 %
Density (20 °C)	0,89 g/cm3
Refractive index	1,408
Peroxides	max. 0,015 %
Stabilizer (BHT)	min. 200 ppm

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Specification

for HPLC (27080)

Appearance	Clear colourless liquid
Assay	min. 99,8%
Residue after evaporation	max. 0,0005%
UV absorption at 230 nm	max. 0,523
UV absorption at 270 nm	max. 0,056
UV absorption at 310 nm	max. 0,004
Free acids (as CH_3COOH)	max. 0,003%
Peroxides	max. 0,05%
Water	max. 0,03%
Color scale (Hazen)	max. 10

Classification of the substance in accordance with Regulation (EC) No 1272/2008

Hazard statements: 225, 302, 319, 335, 351,336
EUH statements: 019
Precautionary statements: 210, 243, 305+351+338
Signal word: Danger

ADR/RID: 3 /F1 /II
UN 2056