

SYSTEM
Specification

PRODUCT NAME : Tetrahydrofuran, *stabilised with 0.025% BHT, ChemAR*®
CATALOGUE NUMBER : TE380-50
FORMULA : C₄H₈O
MOLECULAR WEIGHT : 72.11
CAS. NUMBER : [109-99-9]

IMDG class : 3 UN No: 2056 Packaging group : II

HAZARD STATEMENT:

H225,H319,H335,EUH019

PRECAUTIONARY STATEMENT:

P210,P243,P280,P304+P340,P305+P351+P338,P312

Risiko (Risks):R11, R19,R36/37

Keselamatan (Safety): S16,S29,S33

Specification

| | | |
|------------------------|------------|-------|
| Assay(GLC) | min.99.8 | % |
| Acidity/Alkalinity | min.0.0002 | meg/g |
| Colour(APHA) | max..10 | |
| Residue after ignition | max.0.002 | % |
| Water(Karl Fisher) | max.0.03 | % |
| Calcium(Ca) | max.0.5 | ppm |
| Copper(Cu) | max.0.05 | ppm |
| Iron(Fe) | max.0.1 | ppm |
| Lead(Pb) | max.0.005 | ppm |
| Magnesium | max.0.1 | ppm |
| Potassium(K) | max.0.5 | ppm |
| Sodium(Na) | max.1 | ppm |
| Peroxide | max.50 | ppm |
| Methyl tetrahydrofuran | max.1000 | ppm |
| Zinc(Zn) | max.0.2 | ppm |
| Total phosphorus(P) | max.0.1 | ppm |
| Total sulfur(S) | max.0.5 | ppm |
| Aluminium(Al) | max.0.02 | ppm |
| Barium(Ba) | max.0.02 | ppm |
| Cadmium(Cd) | max.0.02 | ppm |
| Chromium(Cr) | max.0.02 | ppm |
| Cobalt(Co) | max.0.02 | ppm |
| Lithium(Li) | max.0.02 | ppm |
| Manganese(Mn) | max.0.02 | ppm |
| Molybdenum(Mo) | max.0.02 | ppm |
| Nickel(Ni) | max.0.02 | ppm |
| Silicon(Si) | max.0.02 | ppm |
| Strontium(Sr) | max.0.02 | ppm |
| Titatium(Ti) | max.0.02 | ppm |
| Vanadium(V) | max.0.02 | ppm |
| Boiling point | 66°C | |
| Refractive index | 1.407 | |
| Wt./ml at 20°C | 0.888g | |

