

SYSTEM

Specification

PRODUCT NAME : Acetic Acid glacial, *ChemAR*
CATALOGUE NUMBER : AC045-70
FORMULA : CH₃COOH
MOLECULAR WEIGHT : 60.05
CAS. NUMBER : [64-19-7]

IMDG class :8, UN No.: 2789 Pakaging group: II

HAZARD STATEMENT: H226, H314

PRECAUTIONARY STATEMENT:

P210, P243,P280,P301+P330+P331,P304+P340,P309+P310

Risiko (Risks): 10,35

Keselamatan (Safety):23,26,45

Specification

Assay(acidimetry)	min.99.5	%
Calcium((Ca)	max.0.0001	%
Chromium(Cr)	max.0.00002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00005	%
Lead(Pb)	max.0.000001	%
Magnesium(Mg)	max.0.000005	%
Nickel(Ni)	max.0.000002	%
Potassium(K)	max.0.00005	%
Sodium(Na)	max.0.0002	%
Zinc(Zn)	max.0.000005	%
Colour(Hazen)	max.10	
Formic Acid(H.COOH)	max.0.05	%
Oxygen absorbed from K Cr O7(O) 2 2	max.0.005	%
Water	max.0.15	%
Acetic anhydride	max.0.2	%
Aluminium(Al)	max.0.000001	%
Arsenic(As)	max.0.00002	%
Barium(Ba)	max.0.00001	%
Cadmium(Cd)	max.0.000005	%
Cobalt(Co)	max.0.000001	%
Litium(Li)	max.0.000001	%
Manganese(Mn)	max.0.000001	%
Mercury(Hg)	max.0.000001	%
Molybdenum(Mo)	max.0.000002	%
Silver(Ag)	max.0.000001	%
Strontium(Sr)	max.0.000001	%
Tin(Sn)	max.0.000001	%
Vanadium(V)	max.0.000001	%
Total Sulfur(S)	max.0.0001	%
Total Phosphorus(P)	max.0.0001	%
Total Chloride(Cl)	max.0.0001	%
Total Silicon(Si)	max.0.0001	%
Total Nitrogen(N)	max. 0.0002	%
Wt/ml at 20 °C	1.049g	
Melting point	17 °C	
Flash point	42 °C	
Boiling point	117.5 °C	

