

SYSTEM

Specification

PRODUCT NAME : Pyridine, *ChemAR*[®]
CATALOGUE NUMBER : PY252-50
FORMULA : C₅H₅N
MOLECULAR WEIGHT : 79.10
CAS. NUMBER : [110-86-1]

IMDG class : 3

UN No : 1282

Packaging group :II

HAZARD STATEMENT: H225,H302,H312,H332

PRECAUTIONARY STATEMENT: P210,P243,P280,P302+P352,P304+P340,P309+P311

Risiko (Risks):R11,R20/21/22

Keselamatan (Safety):S26,S28

Specification

Assay(GLC)	99.5	%
Colour	<10 APHA	
Free chlorine	max. 5	ppm
Residue after evaporation	max.0.002	%
Substances reducing KMnO ₄ (O)	max.0.001	%
Water(Karl Ficher)	max.0.05	%
Ammonia(NH ₃)	max.0.002	%
Calcium(Ca)	max.0.5	ppm
Copper(Cu)	max.0.05	ppm
Iron(Fe)	max.0.2	ppm
Lead(Pb)	max.0.05	ppm
Magnesium(Mg)	max.0.1	ppm
Potassium(K)	max.0.1	ppm
Sodium(Na)	max.1	ppm
Zinc(Zn)	max.0.2	ppm
Total phosphorus(P)	max.0.1	ppm
Total silicon(Si)	max.0.05	ppm
Total sulfur(S)	max.0.5	ppm
2-picoline	max.0.05	ppm
Piperidine	max.0.01	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
Strontium(Sr)	max.0.02	ppm
Titanium(Ti)	max.0.02	ppm
Vanadium(V)	max.0.002	ppm
Boiling point	115.2°C	
Refractive index	1.5101	
Wt./ml at 20°C	0.982g	



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