

SYSTEM

Specification

PRODUCT NAME : Acetonitrile, *ChemAR*
{Methyl cyanide}
CATALOGUE NUMBER : AC282-50
FORMULA : CH₃CN
MOLECULAR WEIGHT : 41.05
CAS. NUMBER : [75-05-8]

IMDG class : 3 UN No : 1648 Packaging group : II
HAZARD STATEMENT: H225, H302+H312+H332, H319
PRECAUTIONARY STATEMENT: P210, P280, P305+P351+P338, P309+P310
Risiko (Risks): R11, R20/21/22, R36
Keselamatan (Safety): S16, S36/37

Specification

Assay(GC)	min.99.5	%
Identity IR Spectrum	passes	test
Free acid(as CH ₃ COOH)	max.0.001	%
Free alkali(as NH ₃)	max.0.001	%
Aluminium(Al)	max.0.00005	%
Barium(Ba)	max.0.00001	%
Boron(Bo)	max.0.000002	%
Cadmium(Cd)	max.0.000005	%
Calcium(Ca)	max.0.00005	%
Chromium(Cr)	max.0.000002	%
Cobalt(Co)	max.0.000002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Manganese(Mn)	max.0.000002	%
Magnesium(Mg)	max.0.00001	%
Lead(Pb)	max.0.00001	%
Nickel(Ni)	max.0.000002	%
Tin(Sn)	max.0.00001	%
Zinc(Zn)	max.0.00001	%
Evaporation residue	max.0.001	%
Water	max.0.3	%
Wt/ml at 20°C	0.78g	
Melting point:	-46°C;	
Boiling point:	81°C;	
Flash point:	5°C	



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