

## SYSTEM

## SPECIFICATION

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PRODUCT NAME : Nitric Acid 69%, *ChemAR*®

CATALOGUE NUMBER : NI751-70

FORMULA : HNO<sub>3</sub>

MOLECULAR WEIGHT : 63.01

CAS. NUMBER : [7697-37-2]

IMDG class : 8

UN 2031

Packaging group : II

### HAZARD STATEMENT:

H272,H314

### PRECAUTIONARY STATEMENT:

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

Risiko (Risks): R35

Keselamatan (Safety):S23,S26,S36/37/39,S45

### Specification

Assay(acidimetric)	min.69.0	%
Residue on ignition (SO <sub>4</sub> )	max.0.0005	%
Chloride(Cl)	max.0.00005	%
Phosphate(PO <sub>4</sub> )	max.0.00005	%
Copper(Cu)	max.0.000001	%
Sulphate(SO <sub>4</sub> )	max.0.00005	%
Silver(Ag)	max.0.000001	%
Aluminium(Al)	max.0.000005	%
Arsenic(As)	max.0.000001	%
Barium(Ba)	max.0.000001	%
Beryllium(Be)	max.0.000001	%
Bismuth(Bi)	max.0.00001	%
Boron(B)	max.0.000005	%
Cadmium(Cd)	max.0.000001	%
Lead(Pb)	max.0.000001	%
Calcium(Ca)	max.0.00001	%
Cobalt(Co)	max.0.000001	%
Chromium(Cr)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Germanium(Ge)	max.0.000005	%
Potassium(K)	max.0.00001	%
Lithium(Li)	max.0.000001	%
Magnesium(Mg)	max.0.00001	%
Manganese(Mn)	max.0.000001	%
Molybdenum(Mo)	max.0.000002	%
Sodium(Na)	max.0.00005	%
Zinc(Zn)	max.0.000005	%
Strontium(Sr)	max.0.000001	%
Titanium(Ti)	max.0.00001	%
Thallium(Tl)	max.0.000005	%
Vanadium(V)	max.0.000001	%
Zirconium(Zr)	max.0.00001	%



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