

# SYSTEM

## Specification

PRODUCT NAME : Sodium Nitrite, *ChemAR*®  
CATALOGUE NUMBER : SO522-30  
FORMULA : NaNO<sub>2</sub>  
MOLECULAR WEIGHT : 69.00  
CAS. NUMBER : [7632-00-0]

IMDG class :5.1/6.1

UN No : 1500

Packaging group : III

**HAZARD STATEMENT:** H 272,H301,H400

**PRECAUTIONARY STATEMENT:** P210,P280,P273,P301+P310

**Risiko (Risks):**R8,R25,R50

**Keselamatan (Safety):**S45,S61

### Specification

Assay (cerimetric)	min. 98.0	%
Insoluble matter	max.0.01	%
Loss on drying	max.1.0	%
pH (5% solution at 25°C)	6.0-----9.5	
Calcium(Ca)	max.0.01	%
Chloride(Cl)	max.0.005	%
Sulphate(SO <sub>4</sub> )	max.0.01	%
Heavy metal(as Pb)	max.0.001	%
Lead(Pb)	max.0.001	%
Potassium(K)	max.0.005	%
<i>Trace Impurities(in ppm)</i>		
Arsenic(As)	max.3.0	
Iron(Fe)	max.5.0	

*Confirms to ACS, Reagent.*



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