

SYSTEM
Specification

PRODUCT NAME : Barium Chloride dihydrate, *ChemAR*
CATALOGUE NUMBER : BA125-90
FORMULA : BaCl₂ .2H₂O
MOLECULAR WEIGHT : M=244.28g/mol
CAS. NUMBER : [10326-27-9]

IMDG class:6.1 UN No :1564 Packaging group: III

HAZARD STATEMENT:

H301,H332

PRECAUTIONARY STATEMENT:

P261,P304+P340,P309+P310

Risiko (Risks):R20,R25

Keselamatan (Safety):S45

	Specification
Assay(complexometric)	min.99.0 %
pH(5%,water)	5.2-----8.2
Insoluble matter in water	max.0.005 %
Loss on drying(150 ^o C)	14-----16%
Non-precipitated substances by sulphuric acid	max.0.05 %
Nitrogen compounds(as N)	max.0.001 %
Heavy metals(as Pb)	max.0.0005 %
Calcium(Ca)	max.0.005 %
Cadmium(Cd)	max.0.0005 %
Chromium(Cr)	max.0.0005 %
Cobalt(Co)	max.0.0005 %
Copper(Cu)	max.0.0002 %
Iron(Fe)	max.0.0002 %
Lead(Pb)	max.0.0005 %
Manganese(Mn)	max.0.0005 %
Magnesium(Mg)	max.0.0005 %
Nickel(Ni)	max.0.0005 %
Potassium(K)	max.0.004 %
Sodium(Na)	max.0.01 %
Stronium(Sr)	max.0.1 %
Zinc(Zn)	max.0.0005 %



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