

SYSTEM

Certificate Of Analysis

PRODUCT NAME : Barium Hydroxide ,*ChemAR*
CATALOGUE NUMBER : BA232-90
FORMULA : Ba(OH)₂ .8H₂O
MOLECULAR WEIGHT : 315.48
CAS. NUMBER : [12230-71-6]
BATCH NO. : 141116L290959-R5
EXPIRY DATE : Nov./2018

	<u>Specification</u>	<u>BATCH VALUE</u>
Assay(acidimetry)	min.98.0 %	99 %
Insoluble matter in HCl	max.0.01 %	<0.01 %
Non-precipitated substances by H ₂ SO ₄	max.0.2 %	<0.2 %
Carbonate(as BaCO ₃)	max.2.0 %	<1.35 %
Chloride(Cl)	max.0.001 %	<0.001 %
Heavy metal(as Pb)	max.0.0005 %	<0.0005 %
Nitrate(NO ₃)	max.0.003 %	<0.003 %
Sulphide(S)	max.0.001 %	<0.001 %
Calcium(Ca)	max.0.05 %	<0.05 %
Copper(Cu)	max.0.0005 %	<0.0005 %
Iron(Fe)	max.0.001 %	<0.001 %
Strontium(Sr)	max.0.8 %	<0.8 %
Lead(Pb)	max.0.0005 %	<0.0005 %
Nickel(Ni)	max.0.0005 %	<0.0005 %
Potassium(K)	max.0.005 %	<0.005 %
Sodium(Na)	max.0.01 %	<0.01 %

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