

## Certificate of Analysis

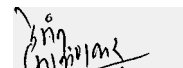
**Material Name:** Barium chloride dihydrate, Hi-AR<sup>TM</sup>/ACS**CAS Number** : 10326-27-9**Material Code** : GRM412**Lot Number** : 0000541420**Molecular Formula** : BaCl<sub>2</sub>.2H<sub>2</sub>O**Report No** : 10000515980

TEST	SPECIFICATIONS	RESULTS
Appearance	Colourless or white to off-white crystals or powder	White crystals
Solubility	33.3 mg soluble in 1 mL of water	Complies
pH (5% in water at 25°C)	5.00 - 8.00	5.62
Calcium (Ca)	<= 0.0100%	0.000466%
Copper (Cu)	<= 0.000500%	Nil
Iron (Fe)	<= 0.0002%	0.000034%
Lead (Pb)	<= 0.000500%	0.000034%
Nitrate (NO <sub>3</sub> )	<= 0.001%	Complies
Potassium (K)	<= 0.00400%	0.001632%
Sodium (Na)	<= 0.00500%	0.002064%
Strontium (Sr)	<= 0.0500%	0.000013%
Water insoluble matter	<= 0.00500%	Nil
Assay (AT)	99% - 102%	99.59%

STATUS : APPROVED

QC Release Date : 2022-06-30

Expiry Date : 2026-06-27

  
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This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current technical data.

This document has been produced electronically and is valid with out signature.