

Certificate of Analysis

Product Name:

Barium Chloride, Anhydrous, PurReagent >99.998% (Metals Basis)

Product No.: PSR11286
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 10361-37-2
Molecular Formula: BaCl₂
Molecular Weight: 208.23 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White Powder	White Powder
Assay (99.998% based on Trace metal Analysis)	Conforms	Conforms
Titration with AgNO ₃ (% Cl)	33.4 – 34.7 %	34.20 %
ICP Major Analysis (conforms Barium component)	Conforms	Conforms
Trace Metal Analysis	NMT 1500.0 ppm	24.2 ppm
Silver (Ag)	-	0.2 ppm
Aluminium (Al)	-	0.4 ppm
Calcium (Ca)	-	3.5 ppm
Chromium (Cr)	-	0.5 ppm
Iron (Fe)	-	0.4 ppm
Lithium (Li)	-	0.5 ppm
Magnesium (Mg)	-	0.3 ppm
Molybdenum (Mo)	-	0.5 ppm
Sodium (Na)	-	14.1 ppm
Nickel (Ni)	-	0.2 ppm
Strontium (Sr)	-	3.6 ppm

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room Temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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