64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

Product Name:
Sodium Bromide, ACS Pur*Reagent*, ≥99.5%

Product No.:	PSR47232
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	7647-15-6
Molecular Formula:	NaBr
Molecular Weight:	102.89 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Assay (By Titration)	≥ 99.5 %	99.69 %
pH (c = 5%; H_2O at 25 °C)	5.0 - 8.8	6.9
Loss on drying (at 105 °C)	NMT 3.0 %	0.86 %
Sodium Content (By ICP)	Conforms	Conforms
Insoluble Matter	NMT 0.005 %	< 0.005 %
Arsenic (As)	NMT 0.0002 %	< 0.0002 %
Barium (Ba)	NMT 0.002 %	< 0.002 %
Bromate	NMT 0.001 %	< 0.001 %
Calcium (Ca)	NMT 0.002 %	< 0.002 %
Chloride (Cl)	NMT 0.2 %	< 0.2 %
Heavy metals (As Pb)	NMT 0.001 %	< 0.001 %
Iodide (I)	NMT 0.02 %	< 0.02 %
Iron (Fe)	NMT 5 ppm	< 5 ppm
Magnesium (Mg)	NMT 0.001 %	< 0.001 %
Potassium (K)	NMT 0.1 %	< 0.1 %
Sulphate (SO_4)	NMT 0.005 %	< 0.005 %
Meets ACS Requirements	Conforms	Conforms

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

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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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