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Molecular weight	102.89
Molecular Formula	Br Na
CAS No	7647-15-6
Linear Formula	NaBr
Flash Point (°C)	

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	44680	Quality Test / Release Date	07/03/2023
Lot Number	A0454372	Suggested retest date	07/03/2026
Description	Sodium bromide,99+%,for biochemistry		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Titration Argentometric	$\geq 99.0\%$	99.4 %
pH	5.0 to 8.8	6.7
Insoluble matter	$\leq 0.005\%$	0.003 %
Chloride (Cl)	$\leq 0.2\%$	0.17 %
Bromate (BrO ₃)	$\leq 0.001\%$	$\leq 0.001\%$
Sulfate (SO ₄)	$\leq 0.002\%$	$\leq 0.002\%$
Barium (Ba)	$\leq 0.002\%$	$\leq 0.002\%$
Iron (Fe)	$\leq 0.0005\%$	$\leq 0.0004\%$
Calcium (Ca)	$\leq 0.002\%$	0.0011 %
Magnesium (Mg)	$\leq 0.001\%$	0.0007 %
Potassium (K)	$\leq 0.1\%$	0.023 %
Nitrogen compounds (as N)	$\leq 5\text{ ppm}$	$\leq 4\text{ ppm}$
Heavy metals (as Pb)	$\leq 5\text{ ppm}$	$\leq 4\text{ ppm}$

C. Wygaerts, QA Manager

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