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## Typical Product Specifications & Properties

# Sodium Bromate

CAS Number : 7789-38-0

Specifications	Limits
Molecular Weight (theoretical)	150.9
Content	(Calculated with NaBrO <sub>3</sub> ) : 99.7%
pH (1 in 20 aqueous solution)	(5 w/v) : 6.5
Light Absorbency	(20 % Solution ) : 0.12%
Water when shipped	0.1%
Bromine Index	(Calculated with NaBr) : 0.05%
Sulfates	(Calculated SO <sub>4</sub> ) : 0.01%
Iron	(Fe) : 0.0005%
Arsenic PPM	0.0002%
Chloride and Chlorate(with Cl)	0.05%
Heavy Metals; USP <231>	(Calculated with Pb) : 0.0005%
Density	3.339 (17.5 c)



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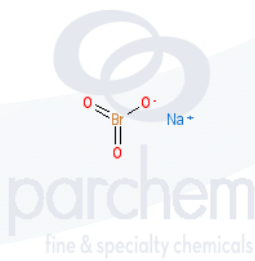
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Specifications	Limits
Moderately Soluble	in alcohol
Melting Point	381 c with dec. and liberation of oxygen
Odor	wh. cryst. or cryst. powd., odorless, bitter taste
Molecular weight	150.90
Solubility	2.5 parts water
Boiling Point	1390 c
Chemical Structure	 <p>Chemical structure diagram of sodium bromate (NaBrO<sub>3</sub>) showing the bromine atom bonded to three oxygen atoms, with a sodium ion (Na<sup>+</sup>) nearby. The Parchem logo is also visible in the background of the diagram.</p>



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