

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30198
<b>Lot Number</b>	000052-28058
<b>Product</b>	<b>Sodium chlorate</b>

<b>CAS Number</b>	7775-09-9
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<b>Molecular Formula</b>	NaClO <sub>3</sub>
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<b>Molecular Weight</b>	106.44
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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in 1 mL cold water; 0.5 mL hot water.
<b>Melting Point</b>	248 °C (Approx.)
<b>Heavy Metals</b>	< 0.001% (as Pb)
<b>Anion</b>	Bromate (BrO <sub>3</sub> <sup>-</sup> ): < 0.015% Chloride (Cl <sup>-</sup> ): < 0.005% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.001%
<b>Cation</b>	Iron (Fe): < 5 ppm Calcium (Ca): < 0.002% Magnesium (Mg): < 0.002% Potassium (K): < 0.01%
<b>Insoluble material</b>	< 0.005%
<b>Assay by titration</b>	100.4%
<b>Grade</b>	ACS reagent
<b>Application</b>	It is oxidimetric reagent.
<b>Storage</b>	Store at RT

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**