



## CERTIFICATE OF ANALYSIS

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### 1. Identification

<b>Catalogue Number:</b>	S699353	<b>CAS Number:</b>	10022-70-5
<b>Product:</b>	Sodium Hypochlorite Pentahydrate	<b>Synonym:</b>	
<b>Structure:</b>	<div><chem>Cl[Na]O.O.O.O.O</chem></div>	<b>Molecular Formula:</b>	ClNaO • 5(H <sub>2</sub> O)
		<b>Molecular weight:</b>	74.44 + 5(18.02)
		<b>Source of Product:</b>	N/A
		<b>Solubility:</b>	Methanol (Slightly), Water (Slightly)
<b>Lot Number:</b>	2023-QIU-092	<b>Purity:</b>	97%
<b>Shipping Condition:</b>	This Product Is Stable To Be Shipped With Dry Ice	<b>Storage Condition:</b>	-20°C

### 2. Warning

<b>Warning 1:</b>	<b>Warning 2:</b>	<b>Warning 3:</b>
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### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Pale Green Low-Melting Solid	Pale Green Low-Melting Solid
Elemental Analysis	Conforms	%H: 6.46
Water Content	Report Result	58.0% by Karl Fischer
Sodium Content	Report Result	14.30% by Ion Chromatography
Hypochlorite Content	Report Result	30.52% by Titration

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	2/9/2023	2/7/2027
				