



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

Catalogue Number:	S699353	CAS Number:	10022-70-5
Product:	Sodium Hypochlorite Pentahydrate	Synonym:	
Structure:	<div>$\text{Cl}-\text{ONa} \cdot 5\text{H}_2\text{O}$</div>	Molecular Formula:	$\text{ClNaO} \cdot 5(\text{H}_2\text{O})$
		Molecular weight:	74.44 + 5(18.02)
		Source of Product:	N/A
		Solubility:	Methanol (Slightly), Water (Slightly)
Lot Number:	2022-ZEA-040	Purity:	97%
Shipping Condition:	This Product Is Stable To Be Shipped With Dry Ice	Storage Condition:	-20°C

2. Warning

Warning 1:	Warning 2:	Warning 3:
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3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Pale Green Low-Melting Solid	Pale Yellow to Pale Green Solid
Sodium Content	Report Result	14.03% by Ion Chromatography
Hypochlorite Content	Report Result	30.34% by Titration
Water Content	Report Result	57.2% by Karl Fischer

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 $\pm 2\%$. 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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	11/22/2022	11/20/2026
				