



Version	00
Molecular weight	284.19
Quality Test / Release Date	07/20/2022
Molecular Formula	Na <sub>2</sub> Si O <sub>3</sub> . 9 H <sub>2</sub> O
CAS No	13517-24-3
Linear Formula	Na <sub>2</sub> SiO <sub>3</sub> .9H <sub>2</sub> O
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	41959	Quality Test / Release Date	07/20/2022
Lot Number	A0444410	Suggested retest date	07/20/2027
Description	Sodium metasilicate nonahydrate, 44-47.5% total solids		
Country of Origin	BELGIUM		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Granular powder or granules	granules
Appearance	May have a yellow-pink hue	May have a yellow-pink hue
Assay	44 to 47.5 % total solids	47 % total solids
Ratio	1.02 to 1.06 molar ratio SiO <sub>2</sub> /Na <sub>2</sub> O	1.034 molar ratio SiO <sub>2</sub> /Na <sub>2</sub> O

C. Wygaerts, QA Manager

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