

Product Information/ Analysis

Invoice#

Ship date:

Description

Type:	Sodium Silicate, High Alkaline
Form:	Powder
Chemical Class:	Na ₂ Si ₂ O ₅
CAS-Number:	13870-28-5, 1344-09-8
Product Code:	SSGD
Lot Number:	Q6C1044 (master lot # C040126)
Manufactured/ Tested:	04/02/2026
Recommended retest:	04/01/2028

Chemical Analysis

Test Results

Specifications

Issue:

		Min	Max
Alkali, Sodium: % Na ₂ O	26.62	26.20	27.80
Bulk Density: Lb/ft ³	43.9	42.0	50.0
+20 (Tyler Screen %)	0.0	-	1.5
-20, +65 (Tyler Screen %)	0.2	-	9.0
-65, +100 (Tyler Screen %)	5.1	-	15.0
H ₂ O %	19.43	16.00	20.00
Silica: % SiO ₂	53.04		
Ratio SiO ₂ / Na ₂ O (Non-Calculated)	1.99	1.90	2.10

Approved by

Quality Control Manager

Storage and expiration:

- Store in a dry and cool location and away from sunlight.
- Keep container closed. Product does not expire or expiration depends on the application and quality requirements.
- Retest after 3 years if the product is in a sealed container.
- Retest prior to use. Product can form clumps by pressure and exposure to humidity

IMPORTANT: All information provided is believed to be accurate and complete. The data provided represents the product quality at the date of analysis and/ or packaging. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application.