

Department: Quality Control

Document No: LCPL/QSD/QAD/11

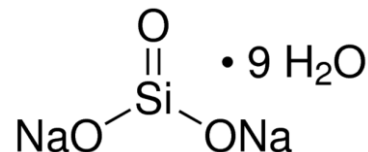
SOP No.: SOP/QC/11-S160

SPECIFICATION : SODIUM METASILICATE NONAHYDRATE LR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	$\text{Na}_2\text{O}_3\text{Si} \cdot 9\text{H}_2\text{O}$
2	Product code	S160
3	Molecular weight	284.20
4	CAS No	13517-24-3
5	Risk Statement No	34-37
6	Safety Statement No	13-36/37/39-45
7	UN No.	UN3253



PACKING DETAILS

	Product code	Pack size
1	S16010	500g
	S16013	5Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Colourless crystals
2	Assay	Not less than 95.0%
3	Chloride (Cl)	Not more than 0.05%
4	Sulphate (SO ₄)	Not more than 0.05%
5	Iron (Fe)	Not more than 0.005%
6	Heavy metals (as Pb)	Not more than 0.001%
7	Loss on ignition at 700°C	Between 35.0 % and 50.0%

SAFETY SYMBOLS



Harmful / Irritant



Corrosive