

TIQ-F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Sodium Thiosulphate Standard Solution 0.02 M  
 Catalog Number : I-9077  
 Batch Number : 9077-01251229  
 CAS Number : 10102-17-7 mixture      Molecular Weight : 248.17 g/mol  
 Mol. Formula :  $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5 \text{H}_2\text{O}$  in Water      Expire Date : Nov, 2027

No	Test	Specifications	Results
1	Appearance	Clear and colourless liquid	Clear and colourless liquid
2	Amount of substance concentration, $c(\text{Na}_2\text{S}_2\text{O}_3)$ by iodometric	0.0195 – 0.0205 M	0.0204
3	Odour	Characteristic odour	Characteristic odour
4	Density at 20 °C	About 1.00 g/cm <sup>3</sup>	1.00 g/cm <sup>3</sup>

This volumetric solution was checked by means of Potassium dichromate volumetric standard

Specification Reference :

**LABOTIQ** In-house product specification

Standardization Reference :

Standardized against a reference standard traceable to NIST (Meck)

**Note: The expiration date is for an unopened container.**

**Expiry date: 12 months from the date of opening**



SUDIRO S.Si.  
Manager QC