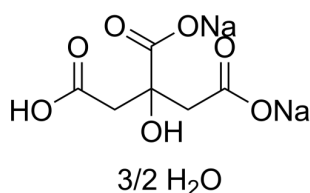


Certificate of Analysis

Compound Information

Product Name:	Sodium citrate dibasic sesquihydrate
Cat. No.:	1202945
CAS No.:	6132-05-4
Molecular Formula:	$C_6H_8O_7 \cdot 3/2H_2O \cdot 2Na$
Molecular Weight:	263.12
Chemical Structure:	



Batch Information

Batch No.:	Lg0814294311
Storage:	Store at room temperature
Test Date:	2023-08-14
Retest Date:	2028-08-13
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
1H NMR Spectrum:	Consistent with structure	Consistent with structure
water(K.F.),ω/%:	0-14	8.91
PH(25°C, 50mg/mL in water):	4.6-5.2	qualified
ICP:Confirms Sodium	Confirmed	Confirmed
Component:		
Structure Identification(Infrared Spectrum):	Conforms	Conforms
Purity (Titration with $HClO_4$),ω/%:	98-102.5	99.8%
Solubility in 25°C H_2O:	Colorless Clear(< 3.5 NTU) 50mg/ml	qualified
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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