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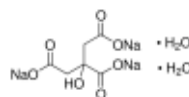
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## Product Specification

Product Name:  
Sodium citrate tribasic dihydrate - ACS reagent, ≥99.0%

Product Number: **S4641**  
 CAS Number: 6132-04-3  
 MDL: MFCD00150031  
 Formula: C<sub>6</sub>H<sub>5</sub>Na<sub>3</sub>O<sub>7</sub> · 2H<sub>2</sub>O  
 Formula Weight: 294.10 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Assay	≥ 99.0 %
pH 5% solution at 25 Deg C.	7.0 - 9.0
Insoluble matter	≤ 0.005 %
Chloride (Cl) < or = 0.003%	Pass
Sulfate < or = 0.005%	Pass
Ammonia (NH <sub>3</sub> )	≤ 0.003 %
Iron (Fe)	≤ 5.0 ppm
Calcium (Ca)	≤ 0.005 %
Heavy Metals (by ICP-OES) < or = 5 ppm	Pass
Recommended Retest Period 5 years	-----

Specification: PRD.4.ZQ5.10000004935

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.