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Product Specification

Product Name:

Sodium phosphate tribasic dodecahydrate - ACS reagent, ≥98%

Product Number:

222003

 $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$

CAS Number:

10101-89-0

MDL:

MFCD00149198

Formula:

 $\text{Na}_3\text{O}_4\text{P} \cdot 12\text{H}_2\text{O}$

Formula Weight:

380.12 g/mol

TEST	Specification
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Appearance (Color)

White

Appearance (Form)

Crystals or Crystals with Chunks

Crystals

Purity (Titration by NaOH)

98.0 - 102.0 %

ICP Major Analysis

Confirmed

Confirms Na & P Components

Iron (Fe)

≤ 0.001 %

Heavy Metals (as Lead)

≤ 0.001 %

Insoluble matter

≤ 0.01 %

Chloride

≤ 0.001 %

Alkali

≤ 2.5 %

Excess Alkali (as NaOH)

Sulfate

≤ 0.01 %

Meets ACS Requirements

Current ACS Specification

Specification: PRD.0.ZQ5.10000074054

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. 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.