



## Certificate of Analysis

### Sodium Phosphate Tribasic Dodecahydrate ACS

**Catalog Number:** SP1021  
**Lot Number:** Typical-817  
**CAS Number:** 10101-89-0  
**Molecular Formula:**  $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$   
**Molecular Weight:** 380.12  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** December 30, 2017  
**Retest Date:** December 29, 2022

Test	Specification	Result
Appearance	Colorless to white crystals	Conforms
Assay	98.0 – 102.0%	99.04%
Identification	To pass test	Conforms
Excess Alkali	$\leq 2.5\%$	2.4%
Insoluble Matter	$\leq 0.01\%$	0.004%
Chloride	$\leq 0.001\%$	$< 0.001\%$
Sulfate	$\leq 0.01\%$	$< 0.01\%$
Heavy Metals	$\leq 0.001\%$	$< 0.001\%$
Iron	$\leq 0.001\%$	$< 0.001\%$

Approved by:

Date: May 3, 2019

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