



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Phosphate Tribasic Dodecahydrate, ACS
Catalog Number: 152578
Lot: Q2980

Formula: $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
CAS #: 10101-89-0
Physical Description: White crystalline powder

Formula Weight: 380.12
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Assay ($\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$)	98.0 - 102.0%	99.90%
Excess Alkali (as NaOH)	$\leq 2.5\%$	None detected
Insoluble Matter	$\leq 0.01\%$	0.005%
Chloride (Cl)	$\leq 0.001\%$	$< 0.001\%$
Sulfate (SO_4)	$\leq 0.01\%$	$< 0.01\%$
Heavy Metals (as Pb)	$\leq 0.001\%$	$< 0.001\%$
Iron (Fe)	$\leq 0.001\%$	$< 0.001\%$

Recommended Retest Date: 7/28/2020

09/24/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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