



Certificate of Analysis

Sodium Phosphate Dibasic Dihydrate USP/FCC

Catalog Number: SP1013
Lot Number: 0911901
CAS Number: 10028-24-7
Molecular Formula: $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 177.99
Storage: 15°C – 30°C
Date of Manufacture: March 23, 2019
Retest Date: March 22, 2024

Test	Specification	Result
Appearance	White to almost white powder or colorless crystals	Conforms
Assay	98.0% - 100.5%	99.2%
Identification	To pass test	Conforms
Loss on Drying	18.5% - 21.5%	20.04%
Insoluble Substances	≤ 0.2%	0.005%
Chloride	≤ 0.06%	< 0.06%
Sulfate	≤ 0.2%	< 0.2%
Arsenic	≤ 3ppm	< 3ppm
Fluoride	≤ 0.005%	< 0.005%
Lead (Pb)	≤ 4mg/kg	2 mg/kg
Pyrophosphate	≤ 2.0%	0.6%
Residual Solvents: Solvent other than purified water was not used during production process of the product.		

Approved by:

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Date: September 12, 2019