

CERTIFICATE OF ANALYSIS

Product Name: Disodium phosphate anhydrous

Chemical Structure:



Lot Number: SG0211223
CAT Number: APL-0078-AnH
CAS Registry Number: 7558-79-4
Manufacture Date: 2021-12-21
Expiry Date: 2024-12-21
Molecular Formula: Na_2HPO_4
Molecular Weight: 141.96g/mol
Storage: RT

Analysis Data

Item	Specification	Results
Appearance	White to off-white, powder	White to off-white
Purity	98.0-102.0%	100.5%
pH (1.0% , Water) @25C	8.4-9.6	9.3
Loss on Drying (105°C)	≤ 5.0%	0.2%
Water Insoluble Matter	≤ 0.20%	0.02%
Fluoride (F)	≤ 10.0 ppm	< 10.0 ppm
Arsenic (AS)	≤ 1.0 ppm	<1.0 ppm
Lead (Pb)	≤ 1.0 ppm	<1.0 ppm
Mercury (Hg)	≤ 1.0 ppm	< 0.1 ppm
Cadmium (Cd)	≤ 1.0 ppm	< 0.1 ppm
Heavy Metals (as Pb)	≤ 10.0 ppm	< 10.0 ppm
Sulfate (SO_4)	≤ 0.20%	0.008%
Chloride (Cl)	≤ 0.06%	0.006%

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque

Jennifer LaBrecque 23/12/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO