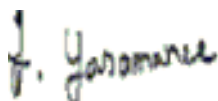


Certificate of Analysis

Product Name : Sodium phenyl phosphate dibasic dihydrate ≥95%
Product Number : P7751-100G
Batch Number : 0000434158
Source Batch : 0000392490
CAS Number : 66778-08-3
MDL Number : MFCD00149080
Storage Temperature : +2°C to +8°C
Molecular Formula : C₆H₅Na₂O₄P · 2H₂O
Formula Weight : 254.09 g/mol
Recommended Retest Date : Oct 2026
Quality Release Date : 17 Feb 2025

Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, H ₂ O		
Water (by Karl Fischer)	11.0 - 17.1 %	13.6 %
Colorimetric Assay	≤ 0.1 %	0.0 %
Free phenol		
Titration by HClO ₄	≥ 95 %	100 %
Anhydrous basis		
Purity (TLC)	≥ 95 %	99 %



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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