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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS

Standard product specification

# Tris(4-Methoxy-3,5-Dimethylphenyl)Phosp

CAS 121898-64-4 · Fine chemical grade — assay on specification

## 1. PRODUCT IDENTITY

| | |
|---|---|
| Product name | Tris(4-Methoxy-3,5-Dimethylphenyl)Phosp |
| C.A.S. number | 121898-64-4 |
| Grade / standard | Fine chemical grade — assay on specification |
| Description | White crystalline powder |
| Product group | Biological Buffers |
| Category | Laboratory & Analytical Reagents |
| Country of origin | India |
| Packing | Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available |
| Storage | Cool, dry, well-ventilated place in tightly closed original packing |

## 2. ANALYTICAL SPECIFICATION

| S. NO. | TEST PARAMETER | SPECIFICATION | TYPICAL RESULT | METHOD |
|---|---|---|---|---|
| 1 | Description | White crystalline powder | Complies | Visual |
| 2 | Identification | Conforms to the structure of the substance | Complies | FTIR / Chemical test |
| 3 | Solubility | As per specification | Complies | Visual / Monograph |
| 4 | Matter Insoluble in Water | Not more than 0.01 % w/w | 0.0024 | Gravimetry |
| 5 | pH (5 % aqueous solution) | As per specification | 7.6 | Potentiometry |
| 6 | Chloride (Cl) | Not more than 0.001 % | 0.00023 | Turbidimetry |
| 7 | Sulphate (SO4) | Not more than 0.002 % | 0.00026 | Turbidimetry |

| | | | | |
|---|---|---|---|---|
| 8 | Iron (Fe) | Not more than 5 ppm | 0.49 ppm | ICP-OES |
| 9 | Heavy Metals (as Pb) | Not more than 5 ppm | Less than 2 ppm | ICP-OES |
| 10 | Moisture | Not more than 1.0 % w/w | 0.35 | Karl Fischer / Gravimetry |

## 3. DECLARATION

This document sets out the standard specification for Tris(4-Methoxy-3,5-Dimethylphenyl)Phosp and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

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