

Product Name: Phosphorus(V) oxide, 99.99%
Catalog Number: 089966.22

CAS Number: 1314-56-3
IUPAC Name: tricyclo[3.3.1.1^{3,7}]tetraphosphoxane-1,3,5,7-tetrone
Molecular Formula: O₅P₂
Molecular Weight: 141.94
MDL Number: MFCD00011440
InChI Key: DLYUQMMRRRQYAE-UHFFFAOYSA-N
SMILES: O=P12OP3(=O)OP(=O)(O1)OP(=O)(O2)O3
Synonym: phosphorus pentoxidelphosphoric anhydrideldiphosphorus pentoxidelphosphorus(V) oxideltetraphosphorus decaoxidelphosphorpentoxidlphosphor(V)-oxid

Product Specification

Appearance (Color): White
Form: Powder
Assay from Supplier's CofA: ≥99.99%
Comment: Arsenic: ≤0.001%
Insoluble material: ≤0.002%
Comment: Ammonium: ≤0.003%
Comment: Phosphorus Trioxide: ≤0.003%
Comment: Iron: ≤0.001%
Heavy Metals: ≤0.001% (as Pb)

Date Of Print: 08/31/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.