

Certificate of Analysis

Product Name:

Ammonium phosphomolybdate hydrate

Product Number: 342165

 $(\text{NH}_4)_3\text{PMo}_{12}\text{O}_{40} \cdot x\text{H}_2\text{O}$

Batch Number: BCCN2017

Brand: ALDRICH

CAS Number: 54723-94-3

Formula: $\text{H}_{12}\text{Mo}_{12}\text{N}_3\text{O}_{40}\text{P} \cdot x\text{H}_2\text{O}$

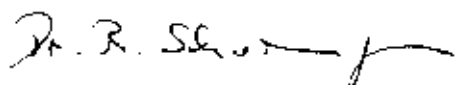
Formula Weight: 1.876,35 g/mol

Storage Temperature: Store at 2 - 8 °C

Quality Release Date: 22 MAY 2025

Recommended Retest Date: MAR 2032

Test	Specification	Result
Appearance (Color)	Faint Yellow to Dark Yellow	Yellow
Appearance (Form)	Powder or Crystals	Powder
Redox Titration	$\geq 61.1 \%$	64.0 %
$\geq 61.1 \%$ Mo		
ICP Major Analysis	Corresponds to Requirements	Corresponds
Confirms Mo and P Components		



Dr. Reinhold Schwenninger

Quality Assurance

Buchs, Switzerland CH

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

