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Certificate of Analysis

Product Name:

Ammonium molybdate – meets USP testing specifications

Product Number:	A1343	(NH ₄) ₆ Mo ₇ O ₂₄ · 4H ₂ O
Batch Number:	SLBW0597	
Brand:	SIAL	
CAS Number:	12054-85-2	
MDL Number:	MFCD00167059	
Formula:	H ₂₄ Mo ₇ N ₆ O ₂₄ · 4H ₂ O	
Formula Weight:	1,235.86 g/mol	
Quality Release Date:	31 AUG 2016	
Recommended Retest Date:	AUG 2020	

Test	Specification	Result
Identity	Pass	Pass
Insoluble Substances	≤ 0.005 %	0.002 %
Chloride (Cl)	< = 0.002%	< = 0.002%
Limit of Nitrate	Pass	Pass
Sulfate	< = 0.02%	< = 0.02%
Arsenate, Phosphate, Silicate	< = 10 ppm	< = 10 ppm
Phosphate	< = 5 ppm	< = 5 ppm
Magnesium and Alkali Salts	< = 0.02%	< = 0.02%
Heavy Metals	< = 0.001%	< = 0.001%
Assay	99.3 - 101.8 %	99.9 %
Residual Solvents	Meets Requirements	No residual solvents are present



Rodney Burbach, Manager
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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.