

Certificate of Analysis

Product Name:

Miltefosine - $\geq 98\%$ (perchloric acid titration)

Product Number:

M5571

Batch Number:

SLCQ3557

Brand:

SIGMA

CAS Number:

58066-85-6

Formula:

C₂₁H₄₆NO₄P

Formula Weight:

407.57 g/mol

Quality Release Date:

15 FEB 2023



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
10 mg/mL, H ₂ O		
Proton NMR Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	$\leq 9.0 \%$	5.6 %
Phosphorus (P) anhydrous	7.3 - 8.0 %	7.6 %
By ICP		
Purity Tit. by HClO ₄ anhyd.	$\geq 98 \%$	100 %

Brian Dulle, Supervisor

Quality Assurance

St. Louis, Missouri 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. 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.

