

Certificate of Analysis

Product Name:

Arsenic(III) chloride - 99.99% trace metals basis



Product Number: 200077
Batch Number: MKCX5213
Brand: ALDRICH
CAS Number: 7784-34-1
MDL Number: MFCD00014165
Formula: AsCl₃
Formula Weight: 181.28 g/mol
Quality Release Date: 08 APR 2025

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Titration with I ₂ % As	40.5 - 41.7 %	41.4 %
ICP Major Analysis Confirms Arsenic Component	Confirmed	Conforms
Purity 99.99% Based On Trace Metals Analysis	Conforms	Conforms
Trace Metal Analysis	≤ 150.0 ppm	7.1 ppm
Calcium (Ca)		3.2 ppm
Iron (Fe)		0.4 ppm
Magnesium (Mg)		0.1 ppm
Tin (Sn)		3.3 ppm
Titanium (Ti)		0.1 ppm



Larry Coers, Director
Quality Control
Milwaukee, WI 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.

