



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AMALGATECH  
2965 W. Osborn Rd.  
Phoenix, AZ 85017  
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CHEMICAL

Valid To: March 31, 2026

Certificate Number: 2168.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on coolants:

<b><u>Test:</u></b>	<b><u>Test Method:</u></b>
Ash	ASTM D1119
Boiling Point	ASTM D1120
Reserve Alkalinity	ASTM D1121
Density	ASTM D5931
% Water by Karl Fisher Method	ASTM D1123 (Method A)
Freezing Point by Dry Ice (°F)	ASTM D1177
pH of Coolant	ASTM D1287
Corrosion Test	ASTM D1384
Effect on Auto Finishes	ASTM D1882
Simulated Service Corrosion Testing	ASTM D2570
Pump Cavitation Corrosion	ASTM D2809
Field Test Determination of Freezing Point (°F)	ASTM D3321
Trace Chloride	ASTM D3634
Corrosion of Cast Aluminum Alloys	ASTM D4340
Foam by Air Permeation	ASTM D1881
Anions by Ion Chromatograph	ASTM D5827
Elements by ICP (Al, B, Ca, Cu, Fe, K, Mg, Mo, Na, Pb, Si, Zn)	ASTM D6130
DEF Density at 20°C	ISO 12185
DEF Alkalinity as NH <sub>3</sub>	ISO 22241-2 Annex D
DEF Biuret	ISO 22241-2 Annex E
DEF Aldehydes	ISO 22241-2 Annex F
DEF Insoluble Matter	ISO 22241-2 Annex G
DEF Phosphate (PO <sub>4</sub> )	ISO 22241-2 Annex H
DEF Metals (Al, Ca, Cr, Cu, Fe, K, Mg, Na, Ni, P, Zn)	ISO 22241-2 Annex I
DEF Identity	ISO 22241-2 Annex J



# Accredited Laboratory

A2LA has accredited

## AMALGATECH

Phoenix, AZ

for technical competence in the field of

## Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 25<sup>th</sup> day of March 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2168.01  
Valid to March 31, 2026

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*