# Certified Material Test Report
# AWS A5.01 Schedule H, Class S1

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| Alloy | Diameter | Package | Lot# |
|---|---|---|---|
| R/ER 4943 | | | 36AG18 |

### Lot Chemical Analysis vs. AWS A5.10 Chemistry Classification Designation

| | Alloy | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | Be | Other | | Al |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Each | Total | |
| **AWS** (1) | **4943** | 5.0-6.0 | 0.40 | 0.10 | 0.05 | 0.10-0.50 | - | 0.10 | 0.15 | 0.0003 | <0.05 | <0.15 | Rem. |
| **Lot** (2) (3) | **4943** | 5.54-5.57 | 0.11-0.12 | 0.00 | 0.01 | 0.42-0.44 | - | 0.00 | 0.02 | 0.0000 | <0.05 | <0.15 | Rem. |

(1) Single values shown are maximum percentage, except where minimum is specified.
(2) Certified composition results
(3) Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of this product.

### TYPICAL MECHANICAL PROPERTIES

| Mechanical Results | | AWS Specification |
|---|---|---|
| Tensile | 33,700 psi (232 Mpa) | 24,000 psi (165 Mpa) Min. |
| Yield | 19,000 psi (131 Mpa) | Not Specified |
| Elongation | 13% | Not Specified |

*This typical mechanical information should not be construed as the actual results of this specific lot of material.*
*No alloy formulation changes since the initiation of this original cert.*

**Other customer requirements on sales order: DFARS applies to "specialty metals" and aluminum is not included in the DFARS definition of specialty metals (section 252.225(a)(12)).**

**Hobart Aluminum hereby certifies that the material covered by this report has been drawn in the USA to the requirements of AWS A5.01, class S1, schedule F & H, controlled chemical composition, and tested in accordance with and been found to meet the requirements of specifications AWS A5.10, ASME/SFA 5.10.**

8/17/2026

**Adam Treon, Process Quality Systems Manager**
**Certifying Signature**
**Hobart Aluminum**