

This certificate is granted and awarded by the authority of the Nadcap Management Council to:

Luvak Inc

722 Main St Boylston, MA 01505 United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:

Materials Testing Laboratories

Certificate Number: 3481212842 Expiration Date: 31 May 2024 Accreditation Length: 18 Months

Jay Solomond

Executive Vice President & Chief Operating Officer



SCOPE OF ACCREDITATION

Materials Testing Laboratories

Luvak Inc 722 Main St Boylston, MA 01505

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7101/1 Rev G - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on audits on/after 5 May 2019)

AC7101/2 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories – Chemical Analysis (to be used on audits on/after 30 August 2020)

- (F) Atomic or Optical Emission Spectroscopy (AES or OES)
 - (F1) Atomic Emission Spectroscopy Direct Current Plasma (DCP-OES)
 - (F2) Atomic Emission Spectroscopy Inductively Coupled Plasma (ICP-OES/AES)
- (G) Elemental Analysis (Combustion or Fusion)
 - (G1) Carbon
 - (G2) Hydrogen
 - (G3) Nitrogen
 - (G4) Oxygen
 - (G5) Sulfur
- (W) Atomic Absorption
 - (W1) Flame (AA)
 - (W2) Graphite Furnace (GFAA)

Specify the Alloy Base for Accreditation

Al Base

Co Base

Cu Base

Fe Base

Ni Base

Ti Base

Lab Type - Lab Type

Independent

t-frm-0004 29-May-20