



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Tritech, Inc.
600 Central Ave., E.
Edgewater, MD 21037

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AC-2557

Certificate Number



ANAB Approval

Certificate Valid Through: 02/13/2020
Version No. 002 Issued: 02/01/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Tritech, Inc.
600 Central Ave., E.
Edgewater, MD 21037
Marlin Circo
410-798-7610

CALIBRATION

Valid to: **February 13, 2020**

Certificate Number: **AC-2557**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Analytical Balances	Up to 2 g (2 to 250) g	0.03 mg 1.2 mg	Class 1 Weights

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Temperature	-40 °C to 140 °C	0.22 °C	Fluke meter with PRT
		0.26 °C	Temperature Data Logger

Time and Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
RPM	(5 to 5 000) rpm (5 000 to 50 000) rpm	1.3 rpm 6 rpm	Photo-tachometer
Timers / stopwatch	1 sec to 24 hours	1.1 sec / day	Bench top timer

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2557.



Vice President