


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>7848</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Medical Engineering Technologies Ltd</h3> <p>Issue No: 011 Issue date: 19 January 2021</p>	
	<p>Unit 16 Holmestone Road Dover CT17 0UF United Kingdom</p>	<p>Contact: Mr Mark Turner Tel: +44(0)8454 588924 E-Mail: m.turner@met.uk.com Website: www.met.uk.com</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MEDICAL PACKAGING	Requirements for materials, sterile barrier systems and packaging systems for the following tests	BS EN ISO 11607:Part1:2019 for the associated tests as listed on this schedule only
	Accelerated ageing	ASTM F1980-16
	Visual Inspection for flaws and channels in seals	ASTM F1886 ASTM F1886M -2016
	Seal Strength test by rupture pressure	ASTM F1140/F1140M-13- ASTM F2054-13
	Seal Integrity test by dye penetration	ASTM F1929-15
	Seal strength by peel force	BS EN 868-5:2018 ASTM F88/F88M-15
	Trace gas integrity testing using hydrogen	IHM WI 24 May 2013 IHM WI 66 February 2019
	Needle based injection systems for medical use	BS EN ISO 11608-1:2015 Excluding clauses: 10.9 – Vibration testing 10.10 – Electromagnetic Compatibility (EMC)
	Air transport simulation	IHM WI 54 June 2017
	Break loose & Glide force	IHM WI 52 July 2017
	Cartridge removal force – Axial load	IHM WI 58 July 2017
	Cartridge removal force – Side load	IHM WI 59 July 2017



7848
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Medical Engineering Technologies Ltd
Issue No: 011 **Issue date:** 19 January 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MEDICAL PACKAGING (cont'd)	Needle based injection systems for medical use (cont'd)	BS EN ISO 11608-1:2015 Excluding clauses: 10.9 – Vibration testing 10.10 – Electromagnetic Compatibility (EMC)
	Needle cap removal force	IHM WI 52 July 2017
	Leak test	IHM WI 57 July 2017
	Shipping Containers and systems sequential performance tests	ASTM D4169-16 Excluding: - 14 Schedule G -Simulated Rail Switching 15 Schedule H – Environmental Hazard 16 Schedule I – Low Pressure (High Altitude) Hazard
	Testing of Packages for Single Parcel Delivery Systems	ASTM D7386 – 16 Excluding:- 12 Schedule I Bridge Impact 13 Schedule J Hazard drop 14 Schedule K – High Altitude 16 Tip Over Test (D6179) 17 Rotational Edge Drop Test (D6179)
	Partial Simulation Performance Test for Packaged-Products 68kg (150lbs) or Less	ISTA 2A-2011
	Conditioning Containers, Packages, or Packaging Components for Testing	ASTM D4332-14
	Max Temperature +60°C Min Temperature -30°C Relative Humidity 15 to 90%	
	Drop test of loaded containers by free fall	ASTM D5276-98(2017)
	Concentrated Impacts to Transport Packages	ASTM D6344 - 04(2017)
Random Vibration Testing of Shipping Containers	ASTM D4728-17 ASTM D999-08(2015) – Method A1 only	



7848
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Medical Engineering Technologies Ltd
Issue No: 011 Issue date: 19 January 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MEDICAL PACKAGING (cont'd)	Environmental testing - Vibration (sinusoidal) Environmental testing - Shock Vibration Test Parameters Max Payload 300kg Max acceleration 100g Frequency Range 2-2000Hz Displacement 51mm (p-p) Max velocity 1.8m/s Peak Force 600kgf Vertical only at ambient Classical Shock pulses half- sine, sawtooth and trapezoidal Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads Up to 2549kgf	BS EN 60068-2-6:2007 BS EN 60068-2-27:2009 ASTM D642-15
END		