

# Dr. Adams<sup>TM</sup>

Laboratories



Fully certified, high quality nitrile gloves at affordable prices



Dr. Adams is the sister company to a Hong Kong Public listed Pharmaceutical company, Sanai Health Industry Group Company Limited (HK Stock 1889). It was established to deliver analytical services and innovative instruments for pharmaceutical and biological laboratory sectors.

Our products diversify across four categories: Chemical analytical services, compliance audit services, Distribution of Bio-Analytical instruments and Safety Protective Equipment.

We hold the exclusive distribution right for Cambridge developed award winning Bio-analytical instruments, Speedybreedy, Seasure and Shepherds. Since the COVID pandemic, we have helped UK health sector and local authorities to source and manage the supply chain for COVID related protective products.

We are approved vendor for DHSC, Councils, Cromwell and many other reputable organisations.

## Key Customers

Department of Health & Social Care  
Cromwell Industrial Tools and Equipment  
East Sussex County Council  
Hammersmith & Fulham Council  
Nottingham City Council  
Nottinghamshire County Council  
Thurrock Council  
Vectura

## Key Partners

Sanai Health Industry Group Company Limited  
Universal  
Agilest Technologies  
Bactest

All our products are sourced from high-quality production facilities, which are ISO9001 or ISO13485 accredited.

We ensure that all products have authentic independent certifications.

We have a compliance team who are qualified ensure that the products are compliant to Government standards.

We offer the complete package of all the products that any business needs.

Our compliance department can visit your premises to help ensuring that your premises are compliant with Covid-19 Government guidelines.

Friendly and personal support from sales to aftercare.





**We guarantee a fully transparent supply chain from the factory to your warehouse. We will provide you with everything you need to purchase gloves from Dr Adams with total confidence. Once we have formally engaged we will provide you with the following documents:**

- Bills of Lading
- Contracts between our suppliers and the factories producing the gloves
- A full and complete set of certificates in one place and clearly labelled
- Emails from the certification body confirming the authenticity of certificates
- Videos of production
- Access to our independent expert PPE advisors, who validate the testing and certification documentation provided by the factories of production
- A guarantee that the factory approved to manufacture the gloves is the factory where they are produced - not undisclosed subcontractors that are not covered by the product certification

## **Fully Certified Nitrile Gloves**

- EU Regulation 2016/425, PPE Category III
- European Medical Device Directive 93/42/EEC, Class I Medical Device
- Regulation (EC) No 1935/2004 approved for testing and handling food stuffs
- EN 420:2003 General requirements for protective gloves
- EN ISO 374-1:2016 Protection against chemicals and micro-organisms
- EN 374-2:2014 Protection against penetration by micro-organisms
- EN 16523-1:2015 Permeation by liquid chemicals under conditions of continuous contact
- EN 374-4:2013 Determination of resistance to degradation
- EN ISO 374-5:2016 Requirements for micro-organisms risks
- ISO 16604:2004 Protection against penetration by blood-borne pathogens
- EN 455 Parts 1, 2 & 3 Medical gloves for single use
- ISO 11193-1 Single-use medical gloves
- ISO 21171 / ASTM D6124 Determination of removable surface powder



### In Europe, gloves can follow two regulations:

Medical Device Regulations (MDR) or Personal Protective Equipment Regulations (PPER).

Our gloves follow both of these regulations.

### There are three categories of PPE:

#### Category I (Simple Design)

For protection against minimal risks

#### Category II (Intermediate Design)

For protection against risks not covered by categories I or III

#### Category III (Complex Design)

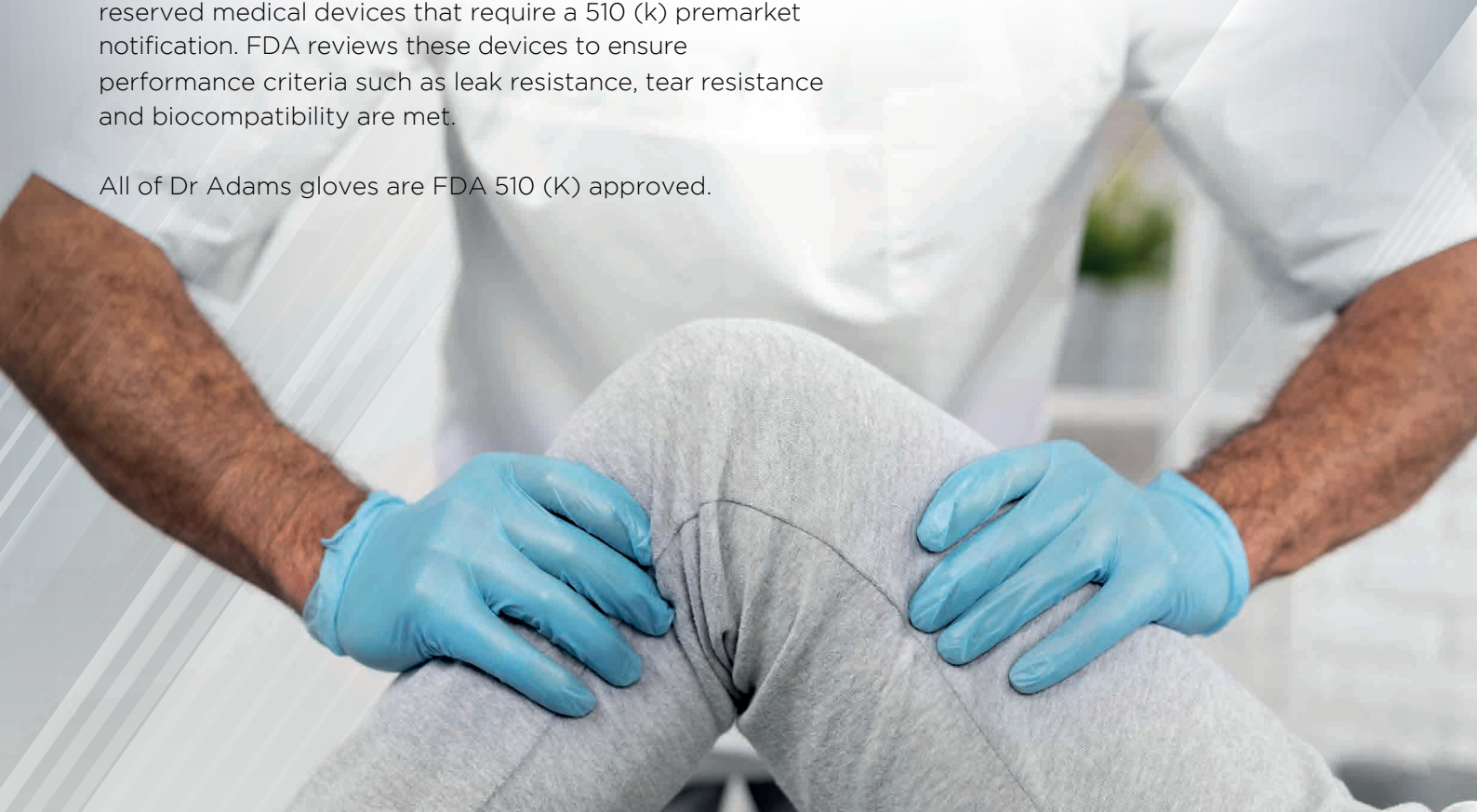
For protection against risks that may cause death or irreversible damage to health

Hardware Medical's gloves are all Category III and are recognised as such by the CE Mark that is accompanied by the Notified Body number on the box. The boxes conform to both MDR and PPER by following the most stringent regulations in each instance.






### In the USA, gloves are regulated by the FDA as Class I

reserved medical devices that require a 510 (k) premarket notification. FDA reviews these devices to ensure performance criteria such as leak resistance, tear resistance and biocompatibility are met.

All of Dr Adams gloves are FDA 510 (K) approved.



### Protective against dangerous chemicals and micro-organisms

European Standard	Pictogram	Performance Ranking	Description																																																																												
EN 374-1:2016 Terminology and performance requirements for chemical risks	<div>EN ISO 374-1:2016/Type A</div> <div></div> <div>XXXXXX</div>	<b>Type A</b> Minimum breakthrough time for at least 6 reference chemicals >30 min.	List of 18 test (or "reference") chemicals which are used for glove classification <table><thead><tr><th>Code Letter</th><th>Chemical</th><th>CAS number</th><th>Class</th></tr></thead><tbody><tr><td>A</td><td>Methanol</td><td>67-56-1</td><td>Primary alcohol</td></tr><tr><td>B</td><td>Acetone</td><td>67-64-1</td><td>Ketone</td></tr><tr><td>C</td><td>Acetonitrile</td><td>75-05-8</td><td>Nitrile compound</td></tr><tr><td>D</td><td>Dichloromethane</td><td>75-09-2</td><td>Chlorinated paraffin</td></tr><tr><td>E</td><td>Carbon disulphide</td><td>75-15-0</td><td>Organic compound containing sulphur</td></tr><tr><td>F</td><td>Toluene</td><td>108-88-3</td><td>Aromatic hydrocarbon</td></tr><tr><td>G</td><td>Diethylamine</td><td>109-89-7</td><td>Amine</td></tr><tr><td>H</td><td>Tetrahydrofuran</td><td>109-99-9</td><td>Heterocyclic and ether compound</td></tr><tr><td>I</td><td>Ethyl acetate</td><td>141-78-6</td><td>Ester</td></tr><tr><td>J</td><td>n-heptane</td><td>142-82-5</td><td>Saturated hydrocarbon</td></tr><tr><td>K</td><td>40 % Sodium hydroxide</td><td>1310-73-2</td><td>Inorganic base</td></tr><tr><td>L</td><td>96 % Sulphuric acid</td><td>7664-93-9</td><td>Inorganic mineral acid</td></tr><tr><td>M</td><td>65 % nitric acid</td><td>7697-37-2</td><td>Inorganic mineral acid</td></tr><tr><td>N</td><td>99 % acetic acid</td><td>64-19-7</td><td>Organic acid</td></tr><tr><td>O</td><td>25 % ammonium hydroxide</td><td>1336-21-6</td><td>Organic base</td></tr><tr><td>p</td><td>30 % hydrogen peroxide</td><td>7722-84-1</td><td>Peroxide</td></tr><tr><td>S or Q</td><td>40 % hydrofluoric acid</td><td>7664-39-3</td><td>Inorganic mineral acid</td></tr><tr><td>T or R</td><td>37 % formaldehyde</td><td>50-00-0</td><td>Aldehyde</td></tr></tbody></table> <div>The "reference chemicals" shall be identified by their code letter under the flask pictogram</div>	Code Letter	Chemical	CAS number	Class	A	Methanol	67-56-1	Primary alcohol	B	Acetone	67-64-1	Ketone	C	Acetonitrile	75-05-8	Nitrile compound	D	Dichloromethane	75-09-2	Chlorinated paraffin	E	Carbon disulphide	75-15-0	Organic compound containing sulphur	F	Toluene	108-88-3	Aromatic hydrocarbon	G	Diethylamine	109-89-7	Amine	H	Tetrahydrofuran	109-99-9	Heterocyclic and ether compound	I	Ethyl acetate	141-78-6	Ester	J	n-heptane	142-82-5	Saturated hydrocarbon	K	40 % Sodium hydroxide	1310-73-2	Inorganic base	L	96 % Sulphuric acid	7664-93-9	Inorganic mineral acid	M	65 % nitric acid	7697-37-2	Inorganic mineral acid	N	99 % acetic acid	64-19-7	Organic acid	O	25 % ammonium hydroxide	1336-21-6	Organic base	p	30 % hydrogen peroxide	7722-84-1	Peroxide	S or Q	40 % hydrofluoric acid	7664-39-3	Inorganic mineral acid	T or R	37 % formaldehyde	50-00-0	Aldehyde
	Code Letter	Chemical	CAS number	Class																																																																											
	A	Methanol	67-56-1	Primary alcohol																																																																											
B	Acetone	67-64-1	Ketone																																																																												
C	Acetonitrile	75-05-8	Nitrile compound																																																																												
D	Dichloromethane	75-09-2	Chlorinated paraffin																																																																												
E	Carbon disulphide	75-15-0	Organic compound containing sulphur																																																																												
F	Toluene	108-88-3	Aromatic hydrocarbon																																																																												
G	Diethylamine	109-89-7	Amine																																																																												
H	Tetrahydrofuran	109-99-9	Heterocyclic and ether compound																																																																												
I	Ethyl acetate	141-78-6	Ester																																																																												
J	n-heptane	142-82-5	Saturated hydrocarbon																																																																												
K	40 % Sodium hydroxide	1310-73-2	Inorganic base																																																																												
L	96 % Sulphuric acid	7664-93-9	Inorganic mineral acid																																																																												
M	65 % nitric acid	7697-37-2	Inorganic mineral acid																																																																												
N	99 % acetic acid	64-19-7	Organic acid																																																																												
O	25 % ammonium hydroxide	1336-21-6	Organic base																																																																												
p	30 % hydrogen peroxide	7722-84-1	Peroxide																																																																												
S or Q	40 % hydrofluoric acid	7664-39-3	Inorganic mineral acid																																																																												
T or R	37 % formaldehyde	50-00-0	Aldehyde																																																																												
EN 374-1:2016/Type B	<div>EN ISO 374-1:2016/Type B</div> <div></div> <div>XXX</div>	<b>Type B</b> Minimum breakthrough time for at least 3 reference chemicals >30 min.																																																																													
EN 374-1:2016/Type C	<div>EN ISO 374-1:2016/Type C</div> <div></div> <div>x</div>	<b>Type C</b> Minimum breakthrough time for one reference chemical >10 min.																																																																													
EN 374-2:2014 Determination of resistance to penetration	no official pictogram	Level 1: AQL of 4.0 Level 2: AQL of 1.5 Level 3: AQL of 0.65	Tested for protection against liquid penetration and micro-organisms. Freedom from holes tested by air or water leak test for Acceptable Quality Level (AQL). PPE Gloves must be at least Level 2.																																																																												
EN 16523-1:2015 Permeation by liquid chemicals under conditions of continuous contact	no official pictogram	Level 1: >10 min Level 2: >30 min Level 3: >60 min Level 4: >120 min Level 5: >240 min Level 6: >480 min	Performance Levels which describes the resistance to permeation by chemicals. Chemical Breakthrough is the time from the start of the test to the time the chemical is detected moving through the material at a defined rate of 1 µg per cm² per minute. Three measurements are taken and the minimum breakthrough time is stated.																																																																												
EN 374-4:2013 Determination of resistance to degradation by chemicals	no official pictogram	no performance requirements	Degradation is the change of puncture resistance after chemical contact with the claimed "reference chemicals" noted below the pictogram of EN 150374-1.																																																																												
EN 374-5:2016 Terminology and performance requirements for micro-organisms risks	<div>EN ISO 374-5:2016</div> <div></div>	Minimum AQL of 1.5	Protection against bacteria and fungi.																																																																												
	<div>EN ISO 374-5:2016</div> <div></div> <div>VIRUS</div>	< 1 PFU* within Assay titer  *Plaque-Forming Unit	ISO 16604:2004 (part B) Clothing for protection against contact with blood and body fluids - Determination of resistance of protective clothing materials to penetration by blood-borne pathogens - Test method using Phi-X 174 bacteriophage.																																																																												





### Strength and durability for reliable protection

A strong and comfortable glove that provides reliable protection against day-to-day laboratory hazards.

Combines strength and durability for everyday protection  
Comfort, tactile sensitivity and consistent grip  
Excellent chemical splash protection  
Longer glove length (>240 mm) covers the wrist  
Thickness of >0.08mm

Nitrile gloves provide the best chemical splash resistance in a disposable glove, as well as excellent barrier protection against biohazards, water miscible substances, weak acids, and alkalis (pH 4 – 10), aliphatic solvents and grease.

#### Outstanding chemical breakthrough times

Sodium Hydroxide (40%) > 480 mins  
Hydrogen Peroxide (30%) > 30 mins  
Formaldehyde (37%) > 240 mins

EN ISO 374-5: 2016



Dr. Adams<sup>TM</sup>  
Laboratories

Click for  
a product  
demonstration  
video

Gloves per case	10X100
Gloves Type	Nitrile
Type	Powder-free, ambidextrous, single-use, non-sterile, accelerator free
Colour	Blue
Cuff	Beaded
Texture	Fingers
Weight (g)	4.2
Length (mm)	240
Cuff Thickness (mm)	0.07
Palm Thickness (mm)	0.08
Finger Thickness (mm)	0.11
Minimum Elongation before Aging (%)	500
Elongation before Aging (%)	400
Tensile Strength before Aging (MPa)	14
Tensile Strength after Aging (MPa)	14
Force at Break before Aging (N)	7.1
Force at Break after Aging (N)	7.3
Shelf Life (years)	3
AQL	1.5
PPE EU Regulation 2016/425	Personal Protective Equipment (PPE) Category III
MDD 93/42/EEC	Medical Device Class I
EN420	In compliance, Sizing for special purpose
EN374-1	Type B
EN374-2	Level 3
EN16523-1	In compliance, permeation by liquid chemicals
EN 374-4	In compliance, determination of resistance to degradation
EN 374-5	In compliance, requirements for micro-organism risks + viruses
EN455	In compliance with Parts 1,2,3, medical gloves for single use
ISO 11193-1	In compliance, single-use medical examination gloves
ISO 21171/ASTM D6124	In compliance, determination of removable surface powder
ISO 16604	In compliance, protection against penetration by blood borne-pathogens
ASTM D6319	✓
ASTM D6978-05	Not Chemo rated
Regulation (EC) No 1935/2004	In compliance, materials and articles intended to come into contact with food



### Procedure steps for purchasing with Dr Adams

#### FOB CHINA

NCNDA  
POF - MT799  
PoL (BoL & Contracts)  
SPA  
PO  
Full Certificate Pack  
Invoice  
30% Deposit / LC  
SGS  
70% Payment  
Collect goods

#### CIF

NCNDA  
POF - MT799  
PoL (BoL & Contracts)  
SPA  
PO  
Full Certificate Pack  
Invoice  
30% Deposit / LC  
SGS  
70% Payment  
Collect goods

#### DDP

NCNDA  
POF - MT799  
PoL (BoL & Contracts)  
SPA  
PO  
Full Certificate Pack  
Invoice  
30% Deposit / LC  
SGS  
70% Payment  
Collect goods

#### OTG

NCNDA  
POF - MT799  
PoL (BoL & Contracts)  
SGS  
PO  
Inspection  
Full Certificate Pack  
Invoice  
Full Payment  
Collect goods



Buy with 100% confidence  
as we purchase direct with  
the factory and have long  
contracts in place for  
continual supply.