
Jeringa desechable sin espacio muerto - 1ml - 25G 1" - Idóneas para la vacunación contra la COVID (caja 100 unidades)



Características técnicas:

- Cumplen la normativa Estándar (Standard) - ISO7886-1:2017
- Estructura principal: Barril, émbolo y pulsador, pistón
- Alcance de la aplicación: El producto se utiliza con aguja en inyección hipodérmica.
- Escala: 0.01ml
- Medidor de volumen de jeringa: 1ml 25G 1"
- Para un almacenamiento seguro la jeringa debe estar alejada de altas temperaturas y excesiva humedad (tiene que ser inferior al 80%).
- Mantenga las jeringas alejadas de productos corrosivos.

Utilización:

- Abra el envase con cuidado desde la carcasa y obtenga la jeringa.
- Junte la boquilla de conexión con la aguja.
- Retire la tapa protectora de la aguja.

Precauciones:

- No usar si el paquete está abierto o dañado.
- No usar después de la fecha de caducidad.
- Descartar después de su uso.
- Válido por cinco años.





Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08



Product Service

EC Certificate

Full Quality Assurance System

Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)

(Devices in Class IIa, IIb or III)

No. G1 044803 0031 Rev. 03

Manufacturer:

**Jiangxi Hongda Medical
Equipment Group Ltd.**

39 South Shengli RD, Jinxian County
331700 Nanchang, Jiangxi Province
PEOPLE'S REPUBLIC OF CHINA

Product Category(ies):

Infusion sets for single use, Transfusion sets for single use, Syringes for single use, Sterile needles for single use, scalp vein sets for single use, Blood collection needles for single use, Sterile Single-use Dental Injection Needles, Sterile Autodisable Syringe for single use, Disposable Suction Catheter for use in Respiratory Tract, Disposable Stomach Catheter, Single-use Sterile rubber surgical gloves, Disposable sterile needle retractable safety syringe, IV Cannula for single use, Foley Catheter for single use, Endotracheal tube for single use, A.V. fistula needle sets for single use, Burette-type infusion sets for single use, Heparin cap for single use, Sterile insulin syringe for single use, Blood Tubing Set for Hemodialysis, Feeding tube for single use, Safety scalp vein sets for single use, High-pressure Angiographic syringes and Accessories for single use, Insulin pen needle for single use, Infusion pump for single use, Hollow Fiber Hemodialyzer, Single-use lightproof infusion set.

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device categories in accordance with MDD Annex II. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of class III devices an additional Annex II (4) certificate is mandatory. All applicable requirements of the testing and certification regulation of TÜV SÜD Group have to be complied with. For details and certificate validity see: www.tuvsud.com/ps-cert?q=cert:G10448030031Rev.03

Report No.:

BJ21089301

Valid from:

2021-03-16

Valid until:

2024-05-26

Date,

2021-03-16

Christoph Dicks
Head of Certification/Notified Body

JIANGXI HONGDA MEDICAL EQUIPMENT GROUP LTD.

NO.39 SOUTH SHENGLI ROAD, JINXIAN COUNTY, JIANGXI PROVINCE, CHINA

Testing Report of Syringe for single use

HD/JL-质-G008

| | | | | |
|--------------------|---|---------------|---------------|---------------------|
| Product Name | Syringe for single use | | Specification | 1ml 25Gx1 |
| Mfg.Lot | Lot 20201228 | | Batch Q'TY | 2000000pcs |
| Man date | 20201228 | | Testing Q'TY | 80pcs |
| Testing Standard | ISO7886-1:2017 | | Testing Date | 2020-12-29-2021-1-6 |
| Sterilization Lot | 灭 20201228A31 | 灭 20201228A32 | 灭 20201228A33 | 灭 20201228B31 |
| | 灭 20201228B32 | | | |
| | | | | |
| Testing Result | Biological Performance: Qualified Physical Performance: Qualified Chemical Performance: Qualified | | | |
| Testing Conclusion | The product of this lot is conform to the requirements specified in ISO7886-1:2017 "Sterile hypodermic syringes for single use- part 1:syringes for manual use", being judged to be qualified | | | |
| Remarks | | | | |

Approved by: **Yang Qinghua**Checked by: **Yang Qinghua**Tested by: **Zeng Xiaoli, Fu Mengling**

Date: 2021-1-6

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| Testing Item | Technical Requirements | Sampling Method | Testing Result | Item Judgement |
| Cleanliness 清洁度 | When inspected by normal or corrected-to-normal vision without magnification under an illuminance of 300lx to 700lx the surface of the hypodermic syringe which comes in contact with injection fluids during normal use shall be free from particles and extraneous matter | 13[2 3] | passed | Qualified |
| Limits for acidity or alkalinity 酸碱度限制 | The PH value of an extract prepared of accorder to A shall be within one unit of pH of that the control fluid. | - | 0.27 | Qualified |
| Limits for extractable metals 可萃取金属限制 | An extract shall contain not greater than a combined total of 5mg/l of lead, tin, zinc and iron, when corrected for the metals content of the control fluid. | - | 3.5mg | Qualified |
| | The cadmium content of the extract shall be lower than 0.1mg/l, when corrected for the cadmium content of the control fluid. | - | 0.06mg | Qualified |
| Lubricant 润滑剂 | The lubricant shall not be visible under normal or corrected-to-normal vision. as droplets or particles. | 13[2 3] | passed | Qualified |
| | The quantity of lubricant used should not exceed 0.25 mg /cm ² of the internal surface area of the syringe barrel. | 13[2 3] | passed | Qualified |
| | The quantity of lubricant used should not exceed 0.6%(m/m) of the mass of the barrel. | | | |
| Tolerance on graduated capacity 刻度容量允差 | 1,Nominal capacity $V < 5\text{ml}$: If less than half nominal capacity $\pm(1.5\%$ of $V+2\%$ of expelled volume); | 20[1 2] | -0.002~0.011ml | Qualified |
| | 2,Nominal capacity $V \geq 5\text{ml}$: If less than half nominal capacity $\pm(1.5\%$ of $V+1\%$ of expelled volume); | | | |
| | 1,Nominal capacity $V < 5\text{ml}$: If equal to or greater than half nominal capacity $\pm 5\%$ of expelled volume; | 20[1 2] | 0.08~1.6% | Qualified |
| | 2,Nominal capacity $V \geq 5\text{ml}$: If equal to or greater than half nominal capacity $\pm 4\%$ of expelled volume | | | |
| Graduated scale 刻度尺 | The scale shall be graduated at least at the intervals given in table 1.The unit of volume shall be marked on the barrel | 13[2 3] | 0.01ml | Qualified |

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|---------------------------------|---|---------|------------------|-----------|
| | The graduation lines shall be of uniform thickness. They shall lie in planes at right angles to the axis of the barrel. The graduation line shall be evenly spaced. The ends of all graduation lines similar length shall be vertical beneath each other. The lengths of the short graduation lines on each scale shall be approximately half the length of the long lines. | | passed | Qualified |
| | The graduation lines shall be numbered at the volume increments given in table 1 | | 0.1ml | Qualified |
| | The overall length of scale shall be as given in table 1. | | 56.71~56.93mm | Qualified |
| Barrel 外套 | The length of the barrel shall be such that the syringe has a maximum usable capacity of at least 10% more than the nominal capacity. | 13[2 3] | 11.2~12.9% | Qualified |
| | The open end of the barrel shall be provided with finger grips that shall ensure that the syringe will not roll more than 180° when it is placed on a flat surface at an angle of 10 to the horizontal. The finger grips shall be free from flash and sharp edges. Finger grips should be of adequate size, shape and strength for the intended purpose and should enable the syringe to be held securely during use. | | passed | Qualified |
| Piston/plunger assembly 活塞/芯杆组件 | The plunger should not be easily withdrawn completely from the barrel. | 13[2 3] | passed | Qualified |
| | 8 mm for syringes of nominal capacity up to but excluding 2 ml; 9 mm for syringes of nominal capacity of 2ml up to but excluding 5 ml; 12.5 mm for syringes of nominal capacity of 5 ml and greater. | | 13.9~14.5mm | Qualified |
| | When the syringe is filled with water and held vertically with first one end and then the other end uppermost. The plunger shall not move by reason of its own mass. | | passed | Qualified |
| | The fiducial line shall be in contact with the inner surface of the barrel. | | passed | Qualified |
| Nozzle 锥头 | The male conical fitting of the syringe nozzle shall be in accordance with ISO 594-1 or ISO 594-2; | 13[2 3] | passed | Qualified |
| | The nozzle lumen shall have a diameter of not less than 1.2 mm. | | 2.0~2.02mm | Qualified |
| Dead Space 残留量 | When tested in accordance with annex C, the volume of liquid contained in the barrel and the nozzle when the piston is fully inserted shall be as given in table 1. | 13[2 3] | 0.0147~0.0261 mm | Qualified |

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| Freedom from air and liquid leakage past piston 正压和负压 | When tested in accordance with annex D, there shall be no leakage of water past the piston or seal. When tested in accordance with annex B, there shall be no leakage of air past the piston or seal, and there shall be no fall in the manometer reading. | 20[1 2] | passed | Qualified |
| Sliding Performance 滑动性能 | Syringe shall have good sliding performance. The pull-push force shall conform to the provisions specified in ISO7886-1:1993 | 13[2 3] | passed | Qualified |
| Packaging 包装 | Should meet the requirements | 13[2 3] | passed | Qualified |
| Labeling 标签 | The package labeling should be complete, the content should meet the requirements. | 13[2 3] | passed | Qualified |