NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Kaiping Yuanbo Daily Necessities, Co., Ltd.
Model Tested: 1981
Date Tested: November 5, 2020

These findings pertain to the Kaiping Yuanbo Daily Necessities, Co., Ltd., model 1981. The packaging and labeling for this product indicate that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Ten respirators were submitted for evaluation. The samples were tested using a modified version of NIOSH Standard Test Procedure (STP) TEB-APR-STP-0059. This modified assessment plan can be found here.

No certificate of approval was provided with the samples received; therefore, the authenticity of the claims cannot be validated.

The maximum and minimum filter efficiency was 99.01% and 95.54%, respectively. All ten respirators measured more than 95%.

While the above-listed product classification has similar performance requirements to NIOSH-approved devices, NIOSH does not have knowledge about the sustained manufacturer quality system and product quality control for these products. NIOSH also does not have knowledge about the product's handling and exposures after leaving its manufacturer's control.

In addition, this product is an ear loop design. Currently, there are no NIOSH-approved products with ear loops; NIOSH-approved N95s have head bands. Furthermore, limited assessment of ear loop designs, indicate difficulty achieving a proper fit. While filter efficiency shows how well the filter media performs, users must ensure a proper fit is achieved.

This assessment is not a part of the NIOSH respirator approval process and will in no way lead to or preclude NIOSH approval through the official approval process. This assessment was developed as an assessment of the filter efficiency for those respirators represented as certified by an international certification authority, other than NIOSH, to support the availability of respiratory protection to US healthcare workers due to the respirator shortage associated with COVID-19. Only particulate filter efficiency was assessed.

The results provided in this letter are specific to the subset of samples that were provided to NPPTL for evaluation.

These results will be used to update the CDC guidance for Crisis Capacity Strategies (during known shortages).

Evaluation of International Respirators

NPPTL
National Personal Protective Technology Laboratory

Test: Modified TEB-APR-STP-0059

Date Tested: November 5, 2020

Report Prepared: November 5, 2020

Manufacturer: Kaiping Yuanbo Daily Necessities, Co., Ltd.

Item Tested: 1981

Country of Certification: China (GB2626-2006)

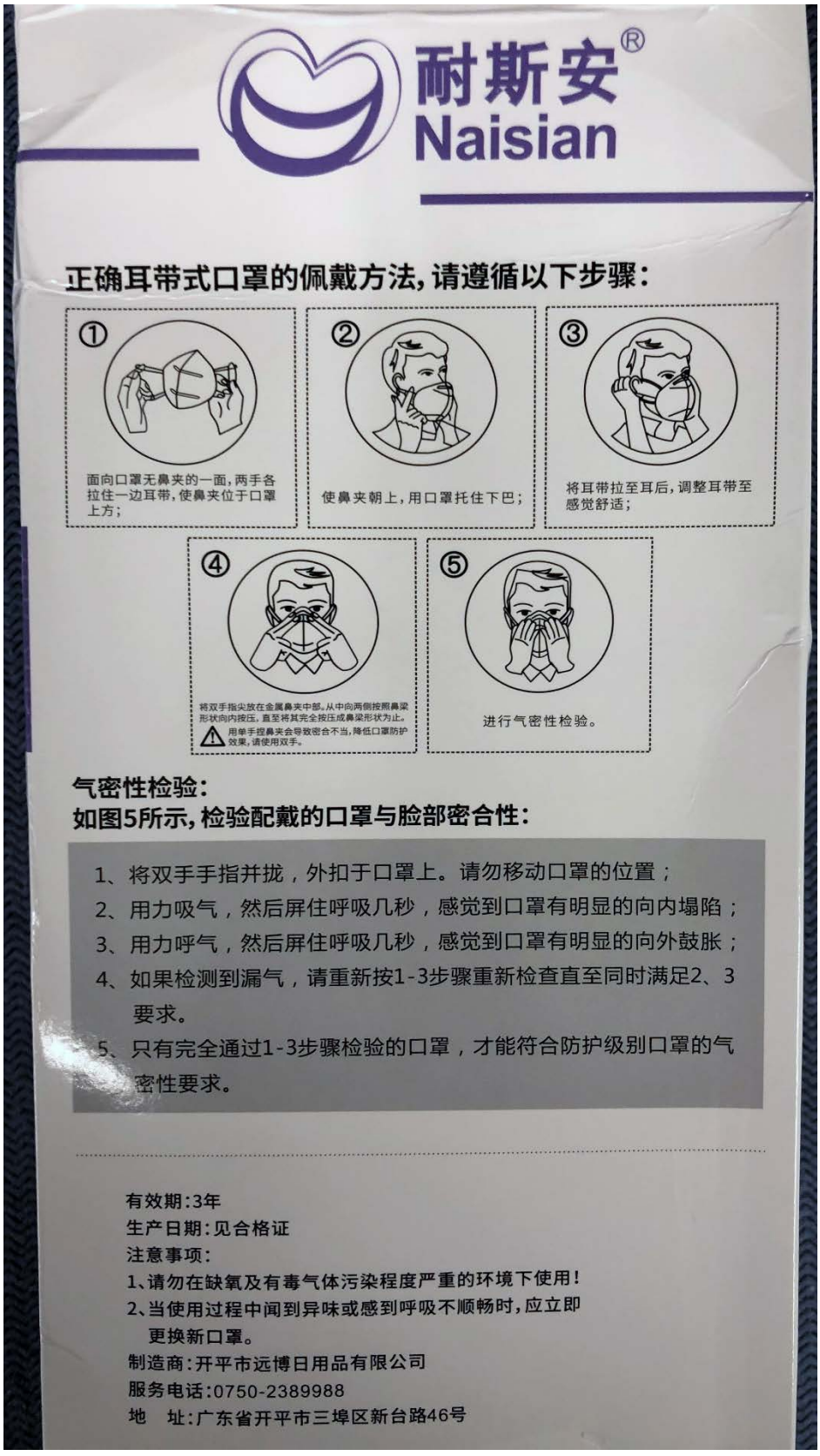
Pictures have been added to the end of this report.

Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH_2O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency (%)
1	85	13.9	1.27	1.27	98.73
2	85	13.9	1.53	1.53	98.47
3	85	13.1	4.46	4.46	95.54
4	85	14.3	0.99	0.99	99.01
5	85	13.1	2.68	2.68	97.32
6	85	13.3	3.50	3.50	96.50
7	85	15.3	1.16	1.16	98.84
8	85	13.2	3.29	3.29	96.71
9	85	13.1	4.33	4.33	95.67
10	85	12.6	2.64	2.64	97.36
Minimum Filter Efficiency: 95.54%			**Maximum Filter Efficiency: 99.01%**		

- The test method utilized in this assessment is not the NIOSH standard test procedure that is used for certification of respirators. Respirators assessed to this modified test plan do not meet the requirements of STP-0059, and therefore cannot be considered equivalent to N95 respirators that were tested to STP-0059.
- Respirators tested may not be representative of all respirators with the same certification mark. NIOSH has no control over suppliers and distributors of respirators certified by other national or international parties.
- This assessment is not a confirmation that it conforms with any or all of its specifications in accordance with its certification mark.
- This assessment was not a part of the NIOSH approval program. These results do not imply nor preclude a future approval through the NIOSH respirator approval program.


耐斯安®
Naisian
1981
3D立体折叠
防颗粒物口罩
GB2626-2006 KN95
3D立体设计
可调节鼻夹
高效防静电滤材
KN95
防护级别
50只装／耳带式
敬告：此包装不单独出售，佩戴前请阅读并理解包装盒或说明书使用说明注意项，错误使用方式可能会危及健康甚至生命危险。

4700



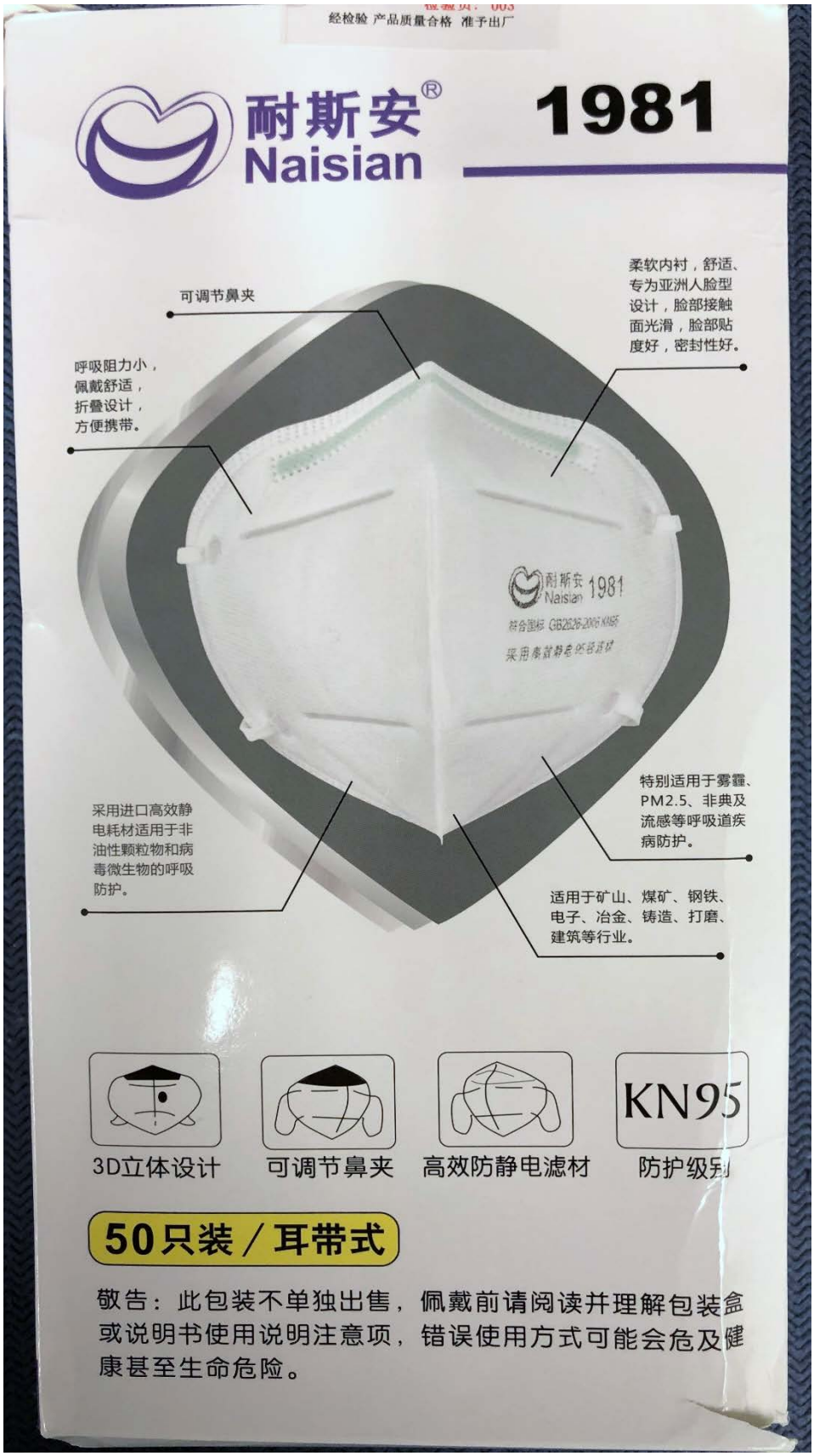
耐斯安®
Naisian

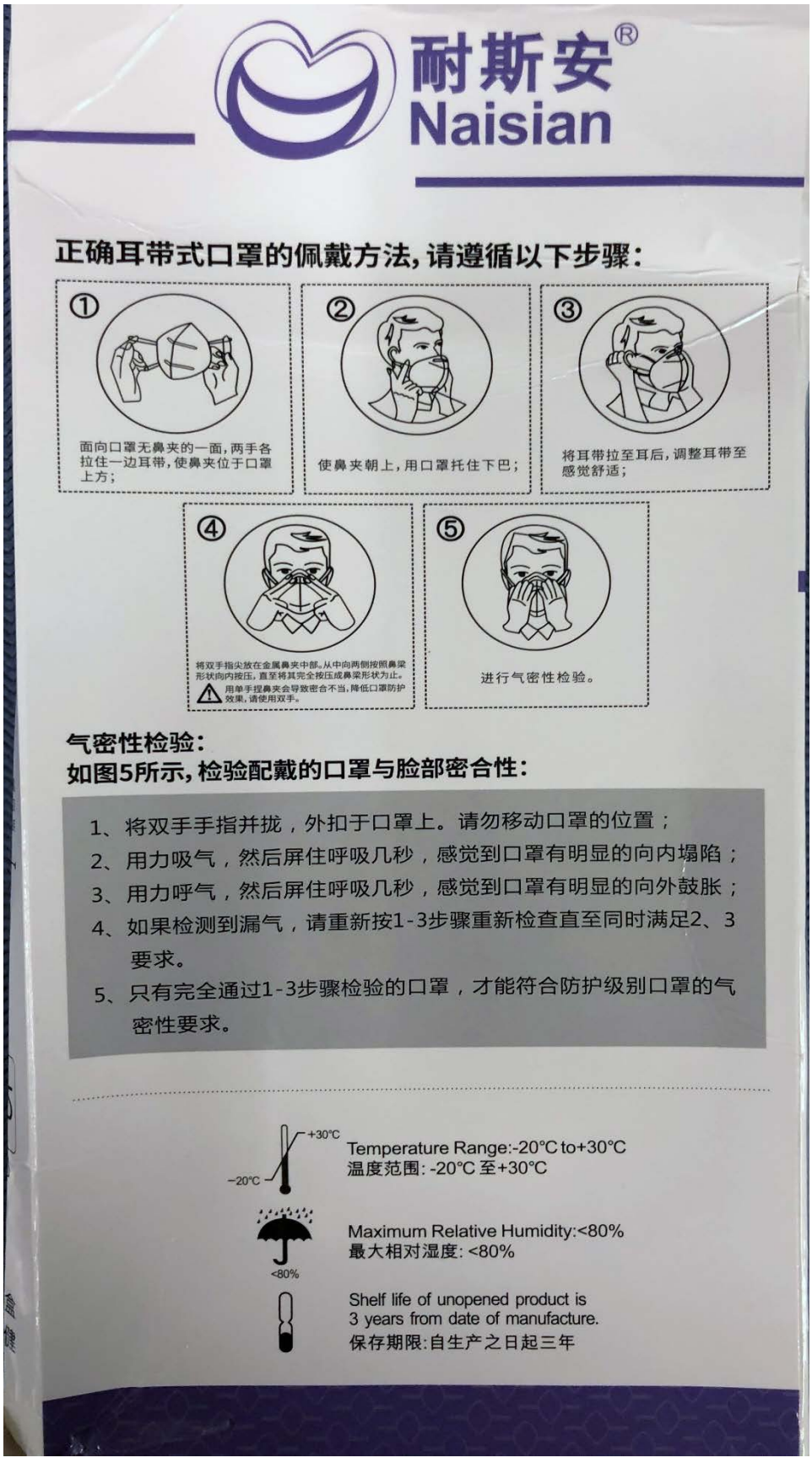
正确耳带式口罩的佩戴方法，请遵循以下步骤：

气密性检验：
如图5所示，检验配戴的口罩与脸部密合性：

1、将双手手指并拢，外扣于口罩上。请勿移动口罩的位置；
2、用力吸气，然后屏住呼吸几秒，感觉到口罩有明显的向内塌陷；
3、用力呼气，然后屏住呼吸几秒，感觉到口罩有明显的向外鼓胀；
4、如果检测到漏气，请重新按1-3步骤重新检查直至同时满足2、3要求。
5、只有完全通过1-3步骤检验的口罩，才能符合防护级别口罩的气密性要求。

有效期：3年
生产日期：见合格证
注意事项：
1、请勿在缺氧及有毒气体污染程度严重的环境下使用！
2、当使用过程中闻到异味或感到呼吸不顺畅时，应立即更换新口罩。
制造商：开平市远博日用品有限公司
服务电话：0750-2389988
地　址：广东省开平市三埠区新台路46号


经检验 产品质量合格 准予出厂
耐斯安®
Naisian
1981
可调节鼻夹
柔软内衬，舒适、专为亚洲人脸型设计，脸部接触面光滑，脸部贴度好，密封性好。
呼吸阻力小，佩戴舒适，折叠设计，方便携带。
耐斯安 Naisian 1981
采用进口高效静电耗材适用于非油性颗粒物和病毒微生物的呼吸防护。
特别适用于雾霾、PM2.5、非典及流感等呼吸道疾病防护。
适用于矿山、煤矿、钢铁、电子、冶金、铸造、打磨、建筑等行业。
KN95
3D立体设计
可调节鼻夹
高效防静电滤材
防护级别
50只装／耳带式
敬告：此包装不单独出售，佩戴前请阅读并理解包装盒或说明书使用说明注意项，错误使用方式可能会危及健康甚至生命危险。


耐斯安®
Naisian
正确耳带式口罩的佩戴方法，请遵循以下步骤：
①
面向口罩无鼻夹的一面，两手各拉住一边耳带，使鼻夹位于口罩上方；
②
使鼻夹朝上，用口罩托住下巴；
③
将耳带拉至耳后，调整耳带至感觉舒适；
④
将双手指尖放在金属鼻夹中部。从中向两侧按照鼻梁形状向内按压，直至将其完全按压成鼻梁形状为止。
用单手捏鼻夹会导致密合不当，降低口罩防护效果，请使用双手。
⑤
进行气密性检验。
气密性检验：
如图5所示，检验配戴的口罩与脸部密合性：
1、将双手手指并拢，外扣于口罩上。请勿移动口罩的位置；
2、用力吸气，然后屏住呼吸几秒，感觉到口罩有明显的向内塌陷；
3、用力呼气，然后屏住呼吸几秒，感觉到口罩有明显的向外鼓胀；
4、如果检测到漏气，请重新按1-3步骤重新检查直至同时满足2、3要求。
5、只有完全通过1-3步骤检验的口罩，才能符合防护级别口罩的气密性要求。
+30℃
-20℃
Temperature Range:-20℃ to+30℃
温度范围: -20℃ 至+30℃
<80%
Maximum Relative Humidity:<80%
最大相对湿度: <80%
Shelf life of unopened product is 3 years from date of manufacture.
保存期限:自生产之日起三年


耐斯安 自吸过滤式防颗粒物口罩 随弃型
Naisian Self-inhalation air purifying particulate respirator Disposable
符合国家标准 GB2626-2006 KN95
KN95
3D立体设计
可调节鼻夹
高效防静电滤材
防护级别
警告：此包装不单独出售，佩戴前请阅读并理解包装盒或说明书使用说明，注意事项，错误使用方式可能会危及健康甚至生命危险。


佩戴说明方法
佩戴耳带式口罩时请遵循以下步骤：
1、面向口罩无鼻夹的一面，两手各拉住一边耳带，使鼻夹位于口罩上方。
2、用口罩抵住下巴。
3、将耳带拉至耳后，调整耳带至感觉尽可能舒适。
4、将双手手指置于鼻夹中部，一边向内按压一边顺着鼻夹向两侧移动指尖，直至将鼻夹完全按压成鼻梁形状为止，仅用单手捏口罩鼻夹可能会影响口罩的密合性。
佩戴头戴式口罩时请遵循以下步骤：
1、面向口罩无鼻夹的一面，两手各拉住一边耳带，使鼻夹位于口罩上方。
2、用口罩抵住下巴。
3、将耳带拉至耳后，调整耳带至感觉尽可能舒适。
4、将双手手指置于鼻夹中部，一边向内按压一边顺着鼻夹向两侧移动指尖，直至将鼻夹完全按压成鼻梁形状为止，仅用单手捏口罩鼻夹可能会影响口罩的密合性。
气密性检验 如图4所示，检验配戴的口罩与脸部密合性：
1、将双手手指并拢，外扣于口罩上。请勿移动口罩的位置；
2、用力吸气，然后屏住呼吸几秒，感觉到口罩有明显的向内塌陷；
3、用力呼气，然后屏住呼吸几秒，感觉到口罩有明显的向外鼓胀；
4、如果检测到漏气，请重新按1-3步骤重新检查直至同时满足2、3要求。
5、只有完全通过1-3步骤检验的口罩，才能符合防护级别口罩的气密性要求。
生产许可
工业产品生产许可证书编号（粤）XK02-001-00153
CNAS
检测
+30℃
-20℃
Temperature Range:-20℃to+30℃
温度范围：-20℃至+30℃
Maximum Relative Humidity:<80%
最大相对湿度：<80%
<80%
Shelf life of unopened product is 5 years from date of manufacture.
保存期限：自生产之日起五年
开平市远博日用品有限公司
技术电话：0750-2389988
地址：开平市三埠区新台路48


耐斯安
Naisian
1981
符合国标 GB2626-2006 KN95
采用高效静电95级滤材


耐斯安
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