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**PHARMACEUTICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YY/T 1239-2014

Pre-poured agar plates

琼脂平板培养基

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. Please note that some of the content of this document may involve patents. Distribution of this document Institutions do not assume the responsibility to identify these patents. This standard was proposed by the China Food and Drug Administration. This standard by the national medical clinical laboratory testing and in vitro diagnostic systems for Standardization Technical Committee (SAC/TC136) centralized. This standard was drafted. Beijing Medical Device Testing, Becton Dickinson Medical Devices (Shanghai) Co., Ltd., Beijing Science and Technology Development Company three drugs. The main drafters of this standard. Bi Chunlei, a small segment Lei, Qu defender, Du Haiou. Agar plate medium

1 Scope

YY/T 1239 is the product standard for the pre-poured agar plate, the ready-to-use culture plate that has largely replaced media prepared in the laboratory. It covers the plate as a manufactured product, which shifts the burden from the technologist to the supplier: fill volume, gel depth and firmness, sterility, moisture, shelf life and the growth performance that a plate has to still deliver at the end of it. Those properties determine whether an organism grows at all, and a laboratory that no longer pours its own media has no way to check them except by trusting the specification. For a manufacturer or a distributor supplying prepared culture plates to Chinese laboratories, this is the governing product standard.

This standard specifies the terms and definitions agar medium, requirements, test methods, marking, labeling, packaging, transportation and storage. This standard applies to conventional microbiological laboratory tests using various solid agar media products, including basic nutrient medium, select Of the medium, the medium identification, susceptibility testing agar medium (Muelser-Hintonagar, MH medium) and the like. This standard does not apply to the requirements of dry powder media.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs YY/T 0665-2008 MH agar

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Medium culturemedium Formulated by the artificially made specifically for microbial culture, separation, and other identification, delivery and preservation of mixed nutrient products.

3.2 Quality control strains qualitycontrolstrain For quality control and performance verification, stable genetic characteristics of microorganisms.

3.3 Colony forming units colonyformingunit; CFU By a single bacteria on solid media growth and reproduction of the formed colonies as a viable count of the number of units.

4 Requirements

4.1 Appearance Medium should be homogeneous, wet, no drops, bubbles; uniform thickness; smooth surface, no protrusions, dents or cracks.

4.2 Thickness Agar We shall meet the following requirements.

- a) General agar plate thickness shall not be less than 3mm;
- b) MH medium thickness shall be within the range of $4\text{mm} \pm 0.5\text{mm}$.

4.3 pH PH of the medium should conform to the specified range.