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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 2930.2-2017

Replacing GB/T 2930.2-2001

**Rules of seed testing for forage, turfgrass and other
herbaceous plant -- The purity analysis**

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Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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2001 edition of the cover);

2001 edition of Appendix B);

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Foreword

GB/T 2930 "grass seed inspection procedures" is divided into 11 parts.

--- GB/T 2930.1 Grass seed testing procedures sample;

--- GB/T 2930.2 Grass seed testing procedures Clarity analysis;

--- GB/T 2930.3 grass seeds test procedures Determination of other plant seeds;

--- GB/T 2930.4 grass seed testing procedures sprout test;

--- GB/T 2930.5 grass seed testing procedures biochemical (tetrazolium) determination of viability;

--- GB/T 2930.6 grass seed testing procedures health determination;

--- GB/T 2930.7 Grass seed testing procedures Species and species determination;

--- GB/T 2930.8 grass seed testing procedures moisture determination;

--- GB/T 2930.9 grass seed testing procedures weight determination;

--- GB/T 2930.10 grass seeds inspection procedures Determination of coated seeds;

--- GB/T 2930.11 grass seed inspection procedures inspection report.

This section GB/T 2930 Part 2.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 2930.2-2001 "Grass Seeds Inspection Regulations Clarity Analysis." This section GB/T 2930.2-2001

In addition, editorial changes in addition to the main technical changes are as follows.

--- The standard name from the "grass seed testing procedures Clarity Analysis" changed its name to "Grass Seed Inspection Regulations Clarity Analysis" (see the cover,

2001 edition of the cover);

--- In the "Preface", the drafting rules (see the preamble) on which the standard compilation is based have been added; statements of the nature of the appendix have been deleted (see.2001

Version of the preamble);

--- Removed "ISTA Preface" (see the.2001 edition of the ISTA Preface);

--- In the "range" added "ecological grass, ornamental plants and medicinal plants" (see Chapter 1);

--- Removed the "test purpose" (see the.2001 version of Chapter 3);

--- In the "Terms and definitions", the definition of "net seed" "other plant seeds" and "impurities" is modified (see 3.1, 3.2 and 3.3,

2001, 4.1, 4.2 and 4.3); the definition of "clams with seeds" added (see 3.4);

--- In the "appliance" to delete the "uniform hair dryer" (see the.2001 version of Chapter 6);

--- In the "test procedure", amended the "test sample distribution" of the specific provisions (see 6.2,.2001 version of 7.2);

--- Removed Appendix B "difficult to distinguish between plant species analysis and calculation methods", the relevant content modified into the text (see 7.4,

2001 edition of Appendix B);

--- Added "result representation" (see 7.6);

--- Added "net seed determination basis" (see Chapter 8);

--- Added "Table 2 net seed definition number", while adding the number in Table 2 corresponding to 45 "net seed definition" (see 8.3,8.4

And Table 2);

--- Removed Appendix A "Additional definitions" (see.2001 edition of Appendix A);

--- Removed Appendix C "allowable gap", the relevant content is modified into the text (see 9,.2001 edition of Appendix C).

This section uses the redrafted law to amend the use of International Seed Testing Association (InternationalSeedestingAssociation, IS-

TA) released the "International Seed Inspection Regulations Chapter 3. Clarity Analysis" (2012 edition).

This section and the ISTA "International Seed Inspection Protocol Chapter 3. Clarity

Analysis" (2012 Edition) compared to the structure of more adjustments, with

A list of this section with the ISTA "International Seed Inspection Protocol Chapter 3. Clarity Analysis" (2012 version) Chapter control list

(See table A.1).

This section and the ISTA "International Seed Testing Protocol Chapter 3. Clarity Analysis" (2012 version) there are technical differences, these differences

Excluded provisions have been marked by a vertical single line (|) at the margin of the outer margin, given in Appendix B of the corresponding technical

Differences and their causes list (see Table B.1).

This part is proposed by the Ministry of Agriculture of the People's Republic of China.

This part of the animal husbandry by the National Standardization Technical Committee (SAC/TC274) centralized.

This part of the drafting unit. Lanzhou University grassland agroecosystem State Key Laboratory of Ministry of Agriculture grass and turf grass seed quality supervision

Inspection and Testing Center (Lanzhou), the National Grass Product Quality Supervision and Testing Center, the Ministry of Agriculture grass and turf grass seed quality supervision and testing

Center (Hohhot).

1 Scope

GB/T 2930 provisions of this part of the grass seed cleanliness analysis procedures and methods.

This section applies to grass, lawn grass, forage crops, ecological grass, ornamental grasses and medicinal plants and other seed quality inspection of the clarity analysis.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2930.1 grass seed test procedures sample

GB/T 2930.7 grass seed inspection procedures and species determination

GB/T 8170 rounded repair rules and limit values of the representation and judgment

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Net seed pureseed

The species described by the submitter or the major species found at the time of analysis, including all botanical varieties and cultivars of that species.

3.2

Other plant seeds otherseeds

Any plant seed unit other than net seed. However, the complex grain seed unit should be separated first and then grouped together with the single seed unit.

For species or genera not specified in the net seed definition (see 8.4), the composite grain structure, pods or capsules should be opened and the seeds removed for use as other plant seed.

3.3

Impurity

The following seed units and all other substances and constructions other than net seeds or other plant seeds.

- a) Seeds units that obviously do not contain true seeds.
- b) Flowers smaller than the size of caryopsis specified in 8.2a).
- c) In addition to the genus specified in 8.2b), sterile flowers attached to fertile flowers.
- d) Broken or damaged seed pieces less than or equal to half the original size.
- e) Appendages of seeds not specified in 8.2d).
- f) Legumes, seeds of cruciferous plants (including wholegrain and damaged seeds) that are completely detached from the seed coat are classified as impurities. Leguminosae, either No embryo axis and/or more than half of the seed coat attached, separated cotyledons should be classified as impurities.
- g) Achene, fruiting and fruiting branches, other fruits and seeds, observed from the surface without pressure, fluoroscopy or other specialized equipment

The obvious structure of the seeds, as an impurity.