



GB 13078-2017

Hygienical Standard for Feeds

饲料卫生标准

General Administration of Quality
Supervision, Inspection and Quarantine
of the People's Republic of China
Standardization Administration of the People's
Republic of China

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National Standard of the People's Republic of China

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Replace GB 13078-2001, GB 13078.1-2006, GB 13078.2-2006, GB 13078.3-2007, GB 21693-2008

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Foreword

All technical contents of this standard are mandatory.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB 13078-2001 “Hygienical standard for feeds” and No.1 Amendment thereof, GB 13078.1-2006 “Hygienical standard for feeds – Limited content of nitrite in feeds”, GB 13078.2-2006 “Hygienical standard for feeds – Toleration of ochratoxin A and zearalenone in feeds”, GB 13078.3-2007 “Tolerance limits for deoxynivalenol in formula feeds”, and GB 21693-2008 “Tolerance limits for T-2 toxin in formula feeds”. Compared with the original standard, in addition to editorial changes, the main technical changes are as follows:

——the scope of application of the standard has been adjusted and amended as “This standard applies to the feed materials and feed products listed in Table 1, but not applies to pet food products and feed additive products”, and the contents related to feed additive products have been deleted.

——the provisions for tolerance limits of three items namely hexachlorobenzene ninsins, polychlorinated biphenyls and hexachlorobenzenes have been added.

——the significant figure of tolerance limit value has been standardized.

——the coverage of tolerance limits of all items has been expended, the tolerance limits shall be listed in unified order namely feed materials, feed additive premixes, concentrate feeds, supplementary concentrates and formula feeds, and the tolerance limit level of various items in different feed materials and feed products (for different ages and animal species) has been further refined:

Total arsenic: amended the tolerance limits of total arsenic, deleted the exceptional provision for organic arsenic preparation from the original standard; added the tolerance limits in “hay and processed products thereof”, “palm kernel cake (meal)”, “algae and processed products thereof”, “crustaceans and by-products thereof (except shrimp oil), fish and shrimp meal, and aquatic mollusks and by-products thereof (except oils and fats)”, and “other ingredients derived from aquatic animals (except aquatic animal oils and fats)”; and included the “fish meal” into “other feed materials derived from aquatic animals (except aquatic animal oils and fats)”; added the tolerance limits in “other mineral feed materials”, “oils and fats” and “other feed materials”, and included the “zeolite meal, bentonite and maifanite” into “other mineral feed materials”; extended the “pig, poultry feed additive premixes” to the “feed additive premixes”; extended the “pig, poultry concentrate feeds” and “cattle, sheep supplementary concentrates” to “concentrate feeds” and “supplementary concentrates”, respectively, deleted the description on conversion by percentage from the original standard; added the tolerance limits in “aquatic product formula feeds” and “fox,

raccoon, mink formula feeds", and extended the "pig, poultry formula feeds" to "other formula feeds".

Lead: the tolerance limits in feed materials shall be listed as per "single-cell protein feed materials", "mineral feed materials", "forage grass, roughage and other processed products" and "other feed materials", respectively, and shall be no longer listed separately for "bone meal, meat and bone meal, fish meal and stone powder"; extended the "laying hen, broiler chicken premixes, piglet, fattening pig premixes" to "feed additive premixes"; extended the "laying hen, broiler chicken concentrate feeds" and "piglet, fattening pig concentrate feeds" to "concentrate feeds", extended the "dairy cattle, beef cattle supplementary concentrates" to "supplementary concentrates"; and extended the "growing duck, laying duck, meat duck formula feeds, chicken formula feeds and pig formula feeds" to "formula feeds".

Mercury: extended the "fish meal" to "fish, other aquatic organisms and their by-product feed materials", added the tolerance limits in "other feed materials", and the tolerance limits shall be no longer listed separately in "stone powder"; added the tolerance limits in "aquatic product formula feeds"; extended the "chicken formula feeds and pig formula feeds" to "other formula feeds".

Cadmium: extended the "rice bran" to "plant-derived feed materials", added the tolerance limits in "algae and processed products thereof" and "aquatic mollusks and by-products thereof", and extended the "fish meal" to "other feed materials derived from animals", added the tolerance limits in "other mineral feed materials"; added the tolerance limits in "feed additive premixes", "concentrate feeds", "calf, lamb supplementary concentrates" and "other supplementary concentrates", added the tolerance limits in "shrimp, crab, sea cucumber, shellfish formula feeds" and "aquatic product formula feeds (except the shrimp, crab, sea cucumber, shellfish formula feeds)", and extended the "chicken formula feeds, pig formula feeds" to "other formula feeds".

Chromium: deleted the tolerance limits in "leather protein powder", added the tolerance limits in "feed materials" "feed additive premixes for pigs" and "other feed additive premixes", "concentrate feeds for pigs" and "other concentrate feeds"; extended the "pig, chicken formula feeds" to "formula feeds" with reduced tolerance limit value of 5 mg/kg.

Fluorine: the tolerance limits in the feed materials shall be listed as per "crustaceans and by-products thereof", "other feed materials derived from animals", "vermiculites", "other mineral feed materials" and "other feed materials", respectively, and shall be no longer listed for "fish meal", "stone powder", "bone meal, meat and bone meal" separately; extended the "pig, poultry feed additive premixes" to "feed additive premixes" with reduced tolerance limit value of 800 mg/kg; extended the "pig, poultry concentrate feeds" to "concentrate feeds" with united tolerance limit value of 500 mg/kg, deleted the description on conversion by percentage from the original standard; extended the "cattle (cows, beef cattle) supplementary concentrates" to "cattle, sheep



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