

Amendment to the Enforcement Ordinance of the Food Sanitation Law and the Standards and Specifications for Foods and Food Additives

The government of Japan will designate 2,3-Diethylpyrazine as an authorized food additive.

Summary

Under Article 10 of the Food Sanitation Law (hereinafter referred to as the “Law”), food additives shall not be used or marketed without authorization by the Minister of Health, Labour and Welfare (hereinafter referred to as “the Minister”). In addition, when specifications or standards are established for food additives based on Article 11 of the Law and stipulated in the Ministry of Health, Labour and Welfare Notification (Ministry of Health and Welfare Notification No. 370, 1959), those additives shall not be used or marketed unless they meet the standards or specifications.

In response to a request from the Minister, the Committee on Food Additives of the Food Sanitation Council that is established under the Pharmaceutical Affairs and Food Sanitation Council has discussed the adequacy of the designation of 2,3-Diethylpyrazine as a food additive. The conclusion of the committee is outlined below.

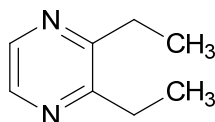
Outline of conclusion

The Minister, based on Article 10 of the Law, should designate 2,3-Diethylpyrazine, as a food additive unlikely to harm human health, and establish standard for use and compositional specifications, based on Article 11 of the law (see Attachment).

Attachment

2,3-Diethylpyrazine

2, 3 - ジエチルピラジン



Standard for use

Flavoring purposes only.

Compositional specifications

Substance name 2,3-Diethylpyrazine

Molecular formula C₈H₁₂N₂

Molecular weight 136.19

Chemical name [CAS number]

2,3-Diethylpyrazine [15707-24-1]

Content 2,3-Diethylpyrazine contains not less than 97.0 % of 2,3-diethylpyrazine (C₈H₁₂N₂).

Description 2,3-Diethylpyrazine is a colorless to light yellow, transparent liquid having a characteristic odor.

Identification Determine the infrared absorption spectrum of 2,3-Diethylpyrazine as directed in the Liquid Film Method under Infrared Spectrophotometry, and compare with the Reference Spectrum. Both spectra exhibit absorptions having about the same intensity at the same wavenumbers.

Purity

(1) Refractive index n_D^{20} : 1.492–1.509.

(2) Specific gravity d_{25}^{25} : 0.956–0.976.

Assay Proceed as directed in the Peak Area Percentage Method in the Gas Chromatographic Assay under the Flavor Substance Tests. Use operating conditions (1).

Infrared Reference Spectra

2,3-Diethylpyrazine

