

JIS

JAPANESE INDUSTRIAL STANDARD

Formalin

Ⓔ JIS K 1502 — 1969

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K 1502-1969

Japanese Text

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Technical Committee on Methanol and Formaline
(Chairman: MASUKO Yōichirō)
Divisional Council on Chemistry
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Formalin

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HCHO M=30.03

1. Scope

This standard specifies the formalin for industrial use.

2. Quality

The formalin shall be colourless or almost colourless and transparent liquid and shall conform to the following requirements when tested according to 4. Test Method.

Formaldehyde content (%)	37.0 ± 0.5
Free acid (as formic acid) (g/100 ml)	0.03 max.
Chloride (g/100 ml)	0.0025 max.
Sulfate	Clear or almost clear
Ash content (g/100 ml)	0.01 max.

Remarks: It is permitted to become turbid during cold season.

3. Sampling Method

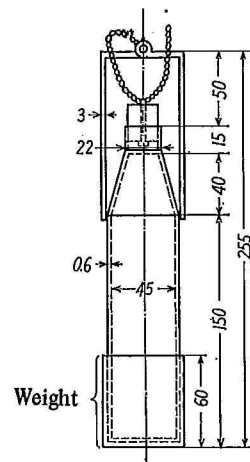
The sample from a lot of products the quality of which is regarded as the same, shall be taken according to the kind of containers, by either of the following ways. If, however, there be another better way instead, it may be adopted by agreement between parties concerned.

3.1 In the Case of Large Containers (such as tank, tank car, tank lorry, tanker, etc.) In this case the bulk liquid sampler (¹) shall be used. The content shall be nearly equally divided into three layers, from each central part of which the sample shall be taken out and be replaced to a proper container and well mixed. Then from this container more than 500 ml shall be picked up for test.

Note (¹) The bulk liquid sampler is made of anti-corrosion metal or of glass with cover as shown in Fig. 1. Immersing the sampler into a certain depth and uncovering, the specimen can be filled in and taken out as it is.

Fig. 1. An Example of Bulk Liquid Sampler
(Capacity: 260 ml approx.)

Unit: mm



3.2 In the Case of Small Containers (such as bottle and steel drum, etc.)

In this case, by means of small liquid sampler (2) samples of equal quantity shall be picked up from several containers (3) transferred to some proper container and be well mixed. Then from this container more than 500 ml shall be picked up for test.

Fig. 2. An Example of Small Liquid Sampler
(glass tube) Unit: mm

(Capacity: 70 ml approx.) (Capacity: 140 ml approx.)

