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Acetylacetone (Reagent)

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japan Reagent Association (JRA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS K 8027:1995** is replaced with this Standard.

However, **JIS K 8027:1995** may be applied in the JIS mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until September 19, 2014.

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Acetylacetone (Reagent)



Introduction

This Japanese Industrial Standard was established in 1953 and has gone through five revisions up to the present. The last revision was made in 1995, and the revision at this time is to respond to the technical advances of tests, researches and developments.

No corresponding International Standard has been established at this point.

1 Scope

This standard specifies acetylacetone¹⁾ to be used as reagent.

Note¹⁾ Chemical name : 2,4-pentanedione

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS K 0050 *General rules for chemical analysis*
- JIS K 0061 *Test methods for density and relative density of chemical products*
- JIS K 0062 *Test methods for refractive index of chemical products*
- JIS K 0067 *Test methods for loss and residue of chemical products*
- JIS K 0068 *Test methods for water content of chemical products*
- JIS K 0114 *General rules for gas chromatography*
- JIS K 0117 *General rules for infrared spectrophotometric analysis*
- JIS K 8001 *General rule for test methods of reagents*
- JIS K 8102 *Ethanol (95) (Reagent)*
- JIS K 8150 *Sodium chloride (Reagent)*
- JIS K 8541 *Nitric acid (Reagent)*
- JIS K 8550 *Silver nitrate (Reagent)*

3 Types

It shall be reagent of best quality grade.

4 Properties

4.1 Characteristics