

Name : 1,4-Dioxane

Another  
name :

Grade : Special Grade

Volume : 500mL

Specification number : Sa-065

Issue number : AH120

Code number : 04001785

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

| No. | Item                                                      | (unit)      | Specification                                     | Test Procedure |
|-----|-----------------------------------------------------------|-------------|---------------------------------------------------|----------------|
| 1   | Appearance                                                | Hazen units | max. 10                                           | JIS K8461-2007 |
| 2   | Assay (C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> )(GC) | %           | min. 99.5                                         |                |
| 3   | Solubility in water                                       | -           | Clear                                             |                |
| 4   | Freezing point                                            | °C          | min. 11.0                                         |                |
| 5   | Density (20°C)                                            | g/mL        | 1.030 ~ 1.035                                     |                |
| 6   | Water                                                     | %           | max. 0.1                                          |                |
| 7   | Residue on evaporation                                    | %           | max. 0.01                                         |                |
| 8   | Acid (as CH <sub>3</sub> COOH)                            | %           | max. 0.01                                         |                |
| 9   | Aldehyde                                                  | -           | The solution does not become turbid (HCHO:≤0.01%) |                |
| 10  | Peroxides (as H <sub>2</sub> O <sub>2</sub> )             | %           | max. 0.05                                         |                |
| 11  | Iron (Fe)                                                 | ppm         | max. 1                                            |                |
| 12  |                                                           |             |                                                   |                |
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remark

With revision of JIS,etc.a part of the above contents may be updated without prior notification.

2,6-Di-t-butyl-4-methylphenol (BHT) is contained as a stabilizer.