

**1,4-Dioxan, AR.**

C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>                      FW. 88.11  
CAS-No.                      123-91-1  
Code                              [AR1057](#)

Density 1 L = 1.030 Kg.  
Melting Point    12    °C  
Boiling Point    101.5 °C

**Specifications**

(Meet A.C.S. Specifications)

|                                              |                   |      |
|----------------------------------------------|-------------------|------|
| Assay (by GC.)                               | 99.8%             | min. |
| Color (APHA)                                 | 20                | max. |
| Water (by Coulometry)                        | 0.05%             | max. |
| Acidity (mEq./g.)                            | 0.0005            | max. |
| Residue on Evaporation                       | 0.001%            | max. |
| Carbonyl (as HCHO)                           | 0.01%             | max. |
| Peroxide (as H <sub>2</sub> O <sub>2</sub> ) | 0.005%            | max. |
| Freezing point (°C)                          | Not below 11.0 °C |      |

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