

1,4-Dioxan, UV-IR

C₄H₈O₂ FW. 88.11
CAS-No. 123-91-1
Code IR1057

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

Specifications

| | | |
|-----------------------------|-------------|----------|
| Assay (by GC.) | 99.9% | min. |
| Identity (IR) | Passes test | |
| Color (APHA) | 10 | max. |
| Water (by Coulometry) | 0.02% | max. |
| Acidity (mEq./g.) | 0.0005 | max. |
| Alkalinity (mEq./g.) | 0.0002 | max. |
| Residue on Evaporation | 0.0002% | max. |
| UV Transmission Levels (%T) | | |
| 310 nm | 98% | min. |
| 300 nm | 95% | min. |
| 290 nm | 90% | min. |
| 280 nm | 80% | min. |
| 270 nm | 70% | min. |
| Fluorescence (as quinine) | | |
| at 254 nm | 5 | ppb max. |
| at 365 nm | 2 | ppb max. |

Product passed through 0.2 micron final filter.