

1,4-Dioxan, HPLC

C ₄ H ₈ O ₂	FW. 88.11	Density 1 L = 1.030 Kg.
CAS-No.	123-91-1	Melting Point 12 °C
Code	LC1057	Boiling Point 101.5 °C

Specifications

Assay (by GC.)	99.8%	min.
Appearance	Clear and colorless liquid	
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)		
290 nm	98%	min.
280 nm	95%	min.
270 nm	90%	min.
260 nm	85%	min.
250 nm	80%	min.
Fluorescence (as quinine)		
at 254 nm	5	ppb max.
at 365 nm	2	ppb max.

Product passed through 0.2 micron final filter.