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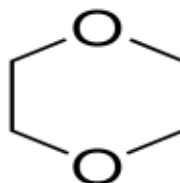
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Product Specification

Product Name:
1,4-Dioxane - for HPLC, ≥99.5%

Product Number: 34857
CAS Number: 123-91-1
MDL: MFCD00006571

Formula Weight: 88.11 g/mol



TEST	Specification
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Appearance (Color)	Colorless
Appearance (Form)	Liquid
UV Absorbance 400nm	≤ 0.01
UV Absorbance 300nm	≤ 0.01
UV Absorbance 295nm	≤ 0.01
UV Absorbance 270nm	≤ 0.10
UV Absorbance 250nm	≤ 0.20
UV Absorbance 235nm	≤ 0.50
UV Absorbance 220nm	≤ 0.70
Purity (GC)	≥ 99.50 %
Residue on Evaporation	≤ 0.001 %
Free Acid	≤ 0.002 %
as Acetic Acid	
Peroxide	≤ 0.01 %
as H ₂ O ₂	
Water (by Karl Fischer)	≤ 0.05 %
Recommended Retest Period	-----
24 Months	

Specification: PRD.2.ZQ5.10000010763

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

