

CERTIFICATE OF ANALYSIS

PRODUCT NAME: 1,4-Dioxane,AR,99%,contains 20-30 ppm BHT as stabilizer

ITEM NUMBER: D116157
BRAND: Aladdin
CAS NUMBER: 123-91-1
MDL NUMBER: MFCD00006571
FORMULA: C₄H₈O₂
MOLECULAR WEIGHT: 88.11

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless Liquid		
Color Test	0	20	20
Evaporation residue	0 %	0.005 %	0.005 %
Freezing point	10 ° C	12 ° C	12 ° C
Infrared spectrometry	Conforms to Structure		
Iron(Fe)	0 %	0.0001 %	0.0001 %
Peroxide(H ₂ O ₂)	0 %	0.005 %	0.005 %
Purity(GC)	99 %	100 %	100 %
Refractive index n ₂₀ /D	1.42	1.424	1.424
Specific gravity (20/20 ° C)	1.033	1.037	1.037
Titration Acid	0 mg/g OR meq/g 0.2 mg/g OR meq		0.2 mg/g OR meq/g /
Water by Karl Fischer	0 %	0.1 %	0.1 %