

# 1,4-Dioxane

[123-91-1] (C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>) FW:88.11

**Product code. 1356**

**HPLC Grade  
Lot-JAB111**

	TESTS	UNIT	SPECIFICATION	RESULTS
Meets ACS Specification		-	-	-
Ultraviolet spectrophotometry		-	-	-
Maximum UV Absorbance		-	-	-
215 nm		-	Max. 1.00	0.23
225 nm		-	Max. 0.50	0.16
250 nm		-	Max. 0.24	0.14
270 nm		-	Max. 0.10	0.09
300 nm		-	Max. 0.01	0.001
UV Cutoff		nm	Max. 215	<215
Assay (by GC)		%	Min. 99.8	99.9
Color (APHA)		-	Max. 10	4
Water		%	Max. 0.02	0.005
Residue after evaporation		ppm	Max. 5	<1
Titration Acid		mEq/g	Max. 0.0016	0.00002
Peroxide (as H <sub>2</sub> O <sub>2</sub> , at time of packaging)		%	Max. 0.003	0.001
Carbonyl Compounds (as HCHO)		%	Max. 0.01	<0.01
Freezing point		-	Not below 11.0°C	pass

**Mfg. Date :** 2019-10-11  
**Exp. Date :** 3 years after Mfg. Date  
**Test Method :** ACS 11th Edition  
**Tested by :** Dong-ukSeo

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