

Certificate of Analysis

Compound Information

Product Name: 1,4-Dioxane
CAS No.: 123-91-1
Cat. No.: G4974848
Molecular Formula: C₄H₈O₂
Molecular Weight: 88.11

Batch Information

Batch No.: 2619743
Test Date: 2025-04-24
Report Date: 2025-04-25
Retest Date: 2027-10-21
Storage: Store in a cool, dry area.
Origin: China

Test Item

Test	Specification	Result
Assay (GC), %	≥99.5	99.98
Color (APHA)	≤10	5
Peroxides (as H ₂ O ₂ at time of packaging), %	≤0.005	0.005
Evaporation Residue, ppm	≤5	0.2
Moisture (KF), %	≤0.05	0.005
Optical Absorbance, AU		
at 215 nm	≤1.00	0.43
at 225 nm	≤0.60	0.33
at 250 nm	≤0.25	0.18
at 295 nm	≤0.01	0.008
at 400 nm	≤0.01	0.001

Signature

Reviewed by: The product has been tested and complies with the given specifications.

Hin Lam

Reviewed by:

Debia

Approved by:

David