

Certificate of Analysis

Product: Chloroform
Item Number: CHLHPLC
Grade: HPLC
Lot Number: 5000280/2.3
Manufacture Date: 11/21/2021
Expiration Date: 11/22/2024
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (by GC-FID excluding Ethanol)	Min 99.9 %	99.99 %
Color	Max 10 APHA	< 5 APHA
Acetone and Aldehydes (as Acetone)	Passes Test	Passes
Acid and chloride	Passes Test	Passes
Free chlorine	Passes Test	Passes
Lead (Pb)	Max 0.05 ppm	< 0.05 ppm
Residue after Evaporation	Max 0.001 %	0.0001 %
Substances Darkened by Sulfuric acid	Passes Test	Passes
Suitability for use in Dithizone tests	Passes Test	Passes
Stabilizer (as Ethyl alcohol)	Between 0.5-1.0 %	0.8 %
Water	Max 0.02 %	0.010 %
Residue after evaporation	Max 3 ppm	1
UV Absorbance		
@ 245 nm	Max 1.0 AU	0.63
@ 255 nm	Max 0.15 AU	0.09
@ 260 nm	Max 0.05 AU	0.04
@ 270 nm	Max 0.02 AU	0.02
@ 290 nm	Max 0.01 AU	0.010
@ 400 nm	Max 0.01 AU	0.010

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Chloroform

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