



CERTIFICATE OF ANALYSIS

NAME	3% Dichloroacetic acid in Dichloromethane
BATCH NUMBER	G009710
CAT. NO.	40-4040-XX
SPECIFICATION	S4040
DATE	September 9, 2020
RELEASED BY:	
CERTIFICATE INSPECTED BY:	

Glen Research Corporation

RESULTS

IDENTITY

Dichloromethane (DCM)
High purity DCM is accepted for use on the basis of the manufacturer's Certificate of Analysis, identity verification by refractive index and water content by coulometric titration of ≤ 100 ppm.
Dichloroacetic Acid (DCA)
High purity DCA is accepted from the manufacturer on the basis of assay $\geq 99.0\%$ and guarantee of low trace element contamination.

WATER CONTENT

The water content is determined by coulometric titration to be ≤ 150 ppm.
Result - 32 ppm

CONTENT

The solution contains Dichloroacetic Acid ($3.00 \pm 0.15\%$ v/v) by potentiometric titration.
Dichloromethane makes up the balance.
Result - 3.06 % Dichloroacetic Acid

PARTICULATE CONTAMINATION

The solution is transferred under argon through a $0.2\mu\text{M}$ filter to specially washed and baked bottles which are sealed with teflon-lined caps. Visual examination of the product is carried out to confirm that it is clear and free from particulate contamination.
Result - Conforms

REANALYSIS DATE

The product should be reanalyzed 12 months from the date shown above.

STORAGE

The product should be stored at room temperature.