

Formaldehyde, 37% Solution
BAKER ANALYZED® A.C.S. Reagent

Material No.: 2106-04
Batch No.: 0000280063
Manufactured Date: 2021/03/22
Expiration Date: 2025/03/21
Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Assay (HCHO) (by acidimetry)	36.5 – 38.0 %	37.0
ACS – Color (APHA)	≤ 10	< 5
ACS – Residue after Ignition	$\leq 0.005 \%$	< 0.001
ACS – Titrable Acid (meq/g)	≤ 0.006	0.001
ACS – Sulfate (SO ₄)	$\leq 0.002 \%$	< 0.002
ACS – Preservative (methanol)	10 – 12 %	11
Chloride (Cl)	$\leq 5 \text{ ppm}$	< 3
Trace Impurities – ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	< 3
Trace Impurities – Iron (Fe)	$\leq 2.000 \text{ ppm}$	< 1.000

For Laboratory, Research or Manufacturing Use

Trioxymethylene precipitate can be formed at ppt levels upon standing below 15°C (59°F). Nonhazardous polymerization may occur at low temperatures, forming paraformaldehyde, a white solid.

Storage Conditions: Store between 15° C and 30° C

Country of Origin: US

Packaging Site: Paris Mfg Ctr & DC