

Technical Data Sheet

Formaldehyde

Compound Information

Product Name: Formaldehyde
CAS No.: 50-00-0
Molecular Formula: CH₂O
Molecular Weight: 30.03
Revision Date: 2026-04-15



Analytical Information

Tests	Specifications
Description	Clear colorless solution with strong pungent odor
Grade	AR grade
Purity	37.0 - 41.0% w/v
Methanol (CH ₃ OH)	8.0 - 12.0% w/w
Wt /ml at 20°C	1.080 - 1.090g
Colour	<10 Hazen unit
Acidity (H.COOH)	<0.045%
Non volatile matter	<0.005%
Chloride (Cl)	<0.0002%
Sulphate (SO ₄)	<0.002%
Copper (Cu)	<0.0001%
Iron (Fe)	<0.0001%
Lead (Pb)	<0.0001%
1H NMR	Pass test
IR	Pass test
Raman	Pass test

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