

FORMALDEHYDE SOLUTION (FORMALIN)

Product specification	Monomark standard	
	Formalin 37	Formalin 42
1. Appearance	Colourless clear liquid. Possible turbidity or white residue dissolving in max 40°C during storage	Colourless clear liquid. Possible turbidity or white residue dissolving in max 60°C during storage
2. Mass fraction of free formaldehyde, %	37.2±0.3	42.0±0.5
3. Mass fraction of methanol, %	4-8	0.2-1.5
4. Mass fraction of free acids (formic acid), %, max	0.02	0.025
5. Mass fraction of iron, %, max	0.0001	0.0001
6. Mass fraction of dry residue after heating, %, max	0.008	0.008
NOTES. 1. Product specifications No. 5 and No. 6 are set only upon customer's request. 2. Upon the customer's request, the mass fraction of the methyl alcohol may not exceed 10. 3. During transportation or keeping the "Formalin 37" in railway tanks and in the auto tanks made of carbon steel, solution becomes yellow in two days period, without changes of features (quality). 4. "Formalin 42" shall be transported and stored at a temperature of 45±°C. "Formalin 42" grade formalin is stored in railway and road tankers and in carbon steel containers and turns yellow in colour without changing its characteristics (quality).		