



# Kairav Chemofarbe Industries Ltd.

Quality System Document  
QS/ Specification Manual/00

Specification for 1,3 – Dioxolane (Technical Grade – TG )	Code No. : QS /P2/FP/03
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	Revision : 00
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Sr. No.	Characteristic	Requirements	Method of Test Ref. Instruction No.
1	Description	Clear Colourless Liquid, free from extraneous matter.	Visual
2	Purity (by GC)	Min. 99.0 %	TI – 10
3	Specific Gravity at RT	1.052 – 1.062	TI – 02
4	Distillation Range, °C	74 – 78 °C	TI – 03
5	Moisture Content (by KF)	Less than 2000 ppm	TI – 04
6	Acidity (as Acetic Acid)	Max. 100 ppm	TI – 06
7	Solubility (10%) in water	Should be Miscible	TI – 07
8	Peroxide (H <sub>2</sub> O <sub>2</sub> )	Less than 100 ppm	TI – 08