



Specification for 1,4 – Dioxane (Pharmaceutical Grade – PG)	Code No. : QS /P1/FP/PG-15 Page No. : 1 of 1
	Revision : 00 Date : 01.04.2017

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 - 01
3	Specific Gravity at R.T	1.025 – 1.035	TI - 02
4	Distillation Range, ° C	100 – 105 °C	TI - 03
5	Moisture Content (by KF)	Less than 1000 ppm	TI - 04
6	Acidity (as Acetic Acid)	Less than 100 ppm	TI - 06
7	Solubility (10%) in water	Should be Miscible	TI - 07
8	Peroxide (H ₂ O ₂)	Less than 50 ppm	TI - 08
9	BHT Content	Max. 10 ppm	TI- 57