

CERTIFICATE OF ANALYSIS

Product: *Ethanol*, Laboratory grade

Order No.: 236.05.01000.01

Batch No/Lot No: 236.05.01-H23.21

Quantity: 1Lit


Date of Production: 23/08/2021

Retest Date: 23/08/2023

Row	Test Item	Specification	Results	Reference		
1	Color of solution	The sample solution has the appearance of water or is not more intensely colored than the standard solution.	Conforms	USP41		
2	Clarity of solution	Sample solution A and sample solution B show the same clarity as that of water or their opalescence is not more pronounced than that of standard suspension A.	Conforms	USP41		
3	Acidity or Alkalinity	The solution is pink when using phenolphthalein. (30µL/L, expressed as acetic acid)	Conforms	USP41		
4	Identification A	Specific Gravity (0.812-0.816 @ 15.56 °C)	0.812	USP41<841>		
5	Identification B (IR)	According to reference standard spectrum	Conforms	USP41<197F>		
6	Limit of nonvolatile residue	N.M.T. 2.5 mg	0.0	USP41		
7	Water (KF)	N.M.T 10.0 %	5.8	In house		
8	Absorbance	@240 nm	N.M.T 0.40	0.08	USP41	
		@250-260 nm	N.M.T 0.30			Conforms
		@270-340 nm	N.M.T 0.10			Conforms
9	Assay	N.L.T 94.9% and N.M.T 96.0%, by volume, at 15.56°, of C ₂ H ₅ OH	95.0	USP41		

QC. Manager: Ms. Iravani

Status:



QC Approved

Qualified Person: Dr. Mojallali

Date: 24.08.2021



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