

CERTIFICATE OF QUALITY OF HIGHER PURIFICATION

Parameter	Unit	Control Method
1. Appearance and color	Clear and colorless liquid	DSTU 4181
2. Odour and taste	Neutral	DSTU 4181
3. The volume fraction of ethyl alcohol at a temperature 20° C, %, no less than	96.43	DSTU 4181
4. Test of purity with sulphuric acid	Withstands	DSTU 4181
5. Test of oxidizability in min. at 20 C, no less than	20.0±0.5	DSTU 4181
6. Mass concentration of aldehydes in recomputation for acetaldehyde in absolute alcohol, mg/dm ³ , no more than	1.61±0.15	DSTU 4181
7. Mass concentration of fusel oil: propyl, isopropyl, butyl, isobutyl and isoamyl alcohols, in recomputation for the mixture of propyl, isobutyl, and isoamyl alcohol (3: 1: 1) in absolute alcohol, mg/dm ³ , no more Than	1.68±0.15	DSTU 4181 and DSTU 4222
8. Mass concentration of fusel oil in recomputation for mixture of isoamyl and isobutyl alcohols (1:1), in absolute alcohol in mg/dm ³ , no more than	1.42±0.1	DSTU 4181 and DSTU 4222
9. Mass concentration of esters in recomputation for acetic ester in absolute alcohol in mg/dm ³ , no more than	1.64±0.1	DSTU 4181 and DSTU 4222
10. The volume fraction of methyl alcohol in recomputation for absolute alcohol, %, no less than	0,0069± 0,0001	DSTU 4181 and DSTU 4222
11. Mass concentration of free acids (without CO ₂) in recomputation of acetic acid in absolute alcohol, mg/dm ³ , no more than	6.84±1.0	DSTU 4181
12. Mass concentration of dry sediment	4.5±0.25	DSTU 4181
13. Test for furfural	Withstands	DSTU 4181