

CERTIFICATE OF QUALITY OF ANHYDROUS ALCOHOL

Parameter	Indicator and Limit	Unit	Control Method
1. Appearance and color	Clear colorless liquid or light yellow in color	Clear liquid	EN 15769:2016
2. Density alcohol denatured:	from 787 to 793		EN/ISO 3675:2012
2.1 Density before denaturation at a temperature of (20 + 0.1) C, kg/m ³		789.5	
2.2 Density before denaturation at a temperature of (15 + 0.1) C, kg/m ³		793.8	
3. Volume fraction of water, % (m/m), not more than	0.3	0.02	EN 15489:2022
4. Mass concentration of dry residue, mg/100ml, not more than	10	1.0	EN 15691:2022
5. Volume fraction of ethyl alcohol (organic oxygen-containing compounds) % (m/m), not less than	98.7	99.84	EN 157121:2016
6. Volume fraction of methanol, % (m/m), not more than	1.0	0.020	DSTU EN 15491:2016
7. Mass fraction of acids in terms of acetic acid, % (m/m), not more than	0,007	0,003	DSTU EN 15491:2016
8. Mass concentration of higher alcohols C3-C5, g/dm ³ , not more than	2	0.541	EN 15721:2016
9. /Mass fraction of Sulphur, mg/kg, not more than	10	0.50	EN 15837:2016
10. Mass concentration of phosphorus, mg/dm ³ , not more than	0.15	< 0.13	EN 15837:2016
11. Mass fraction of Copper, mg/kg, not more than	0.1	< 0.05	EN 15837:2009
12. Mass concentration of inorganic chlorides, mg/dm ³ , not more than	1.5	0.2	EN 15492:2022
13. Sulfate content mg/kg	3.0	<0.5	EN 15492:2022
14. Electrical conductivity uS/cm	2.5	0.19	EN 15938:2022