

# TOLUENE

**Formula:** C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>

- **Formula Weight** = 92,14 g/clothes moth
- **Melting Point** = -94,99 °C
- **Boiling Point** = 110,62 °C
- **Density** = 0,8669 г/см<sup>3</sup>

## TOLUENE “Especially clean” OSCH 22-5 TU 2631-002-29483781-05

Original appearance.....	Clear Liquid - Water White
Mass stake of basic matter, %, min.....	99,8
Mass stake of water, %, max.....	1x10 <sup>-2</sup>
Mass stake of acids in a count on HCl, %, max..	5x10 <sup>-4</sup>
Mass stake of alkalis (in a count on NaOH), %, max.....	5x10 <sup>-4</sup>
Mass stake of non-flying remain, %, not более.....	5x10 <sup>-4</sup>
Matters, darkling under the action of sulphuric acid.....	test
Mass stake of sulfates, %, max.....	5x10 <sup>-4</sup>
Mass stake of barium, %, max.....	5x10 <sup>-7</sup>
Mass stake of beryllium, %, max.....	1x10 <sup>-7</sup>
Mass stake of vanadium, %, max.....	1x10 <sup>-7</sup>
Mass stake of iron, %, max.....	5x10 <sup>-6</sup>
Mass stake of gold, %, max.....	1x10 <sup>-6</sup>
Mass stake of indiya, %, max.....	5x10 <sup>-7</sup>
Mass stake of cadmium, %, max.....	1x10 <sup>-6</sup>
Mass stake of potassium, %, max.....	5x10 <sup>-6</sup>
Mass stake of calcium, %, max.....	5x10 <sup>-6</sup>
Mass stake of cobalt, %, max.....	1x10 <sup>-6</sup>
Mass stake of lithium, %, max.....	1x10 <sup>-6</sup>
Mass stake of magnesium, max.....	1x10 <sup>-6</sup>
Mass stake of manganese, max.....	1x10 <sup>-6</sup>
Mass stake of copper, %, max.....	1x10 <sup>-6</sup>
Mass stake of sodium, %, max.....	5x10 <sup>-6</sup>
Mass stake of nickel, %, max.....	1x10 <sup>-6</sup>
Mass stake of tin, %, max.....	5x10 <sup>-6</sup>
Mass stake of lead, %, max.....	1x10 <sup>-6</sup>
Mass stake of silver, %, max.....	5x10 <sup>-8</sup>
Mass stake of strontium, %, max.....	1x10 <sup>-6</sup>
Mass stake of chrome, max.....	1x10 <sup>-6</sup>
Mass stake of zinc, %, max.....	5x10 <sup>-6</sup>

Guarantee term of storage is 1 year

## TOLUENE “Chemically clean” TU 2631-002-29483781-05

Original appearance..... Clear Liquid - Water White

Mass stake of basic matter, %, min.....	99,8
Mass stake of water, %, max.....	2x10 <sup>-2</sup>
Mass stake of remain after evaporation, %, max.....	1x10 <sup>-3</sup>
Acidity in a count on HCl or schelochnost' in a count on NaOH, %, max.....	1x10 <sup>-3</sup>
Matters, darkling under the action of sulphuric acid.....	test
Closeness at 20 °C, г/см <sup>3</sup> .....	0,8660-0,8680
Index of refraction, n <sub>20D</sub> .....	1,495-1,498

Guarantee term of storage is 1 year

**TOLUENE “Clean for an analysis” GOST 5789-78 with correction № 1,2**

Original appearance.....	Clear Liquid - Water White
Mass stake of basic matter, %, min.....	99,5
Mass stake of water, %, max.....	3x10 <sup>-2</sup>
Mass stake of remain after evaporation, %, max.....	1x10 <sup>-3</sup>
Acidity in a count on HCl or schelochnost' in a count on NaOH, %, max.....	5x10 <sup>-4</sup>
Mass stake of general tiofena, %, max.....	3x10 <sup>-2</sup>
Mass stake of general sulphur, %, max.....	5x10 <sup>-4</sup>
Matters, darkling under the action of sulphuric acid. ....	test
Closeness at 20 °C, г/см <sup>3</sup> .....	0,8660-0,8670

Guarantee term of storage is 1 year