

Standard Analysis Certificate

PRODUCT :TOLUENE RPE-ACS-ISO - Reag. Ph.Eur. - Reag. USP
CODE :488550
METHOD :6606

| TEST | U.M. | SPECIFICATION |
|-------------------------------|------|-------------------------|
| Description | - | Clear colourless liquid |
| Colour (APHA) | - | <=10 |
| Identification (I.R.) | - | Positive |
| Alcohol miscibility | - | Complete |
| Chloroform miscibility | - | Complete |
| Diethyl ether miscib. | - | Complete |
| Ready carbonizable substances | - | Conform |
| Density at 20° C | - | 0.865 ÷ 0.869 |
| Refractive index at 20°C | - | 1.4931 ÷ 1.4991 |
| Boiling point | ° C | 110.1 ÷ 111.1 |
| Water (K.F.) | ppm | <=150 |
| Residue on evaporation | ppm | <=10 |
| Acidity (benzoic acid) | ppm | <=14 |
| Alcalinity (NH3) | ppm | <=2 |
| Benzene | % | <= 0.02 |
| Tiophene | ppm | <=1 |
| Total sulphur | ppm | <=3 |
| Al | ppm | <=0.5 |
| B | ppm | <=0.01 |
| Ba | ppm | <=0.1 |
| Ca | ppm | <=0.5 |
| Cd | ppm | <=0.01 |
| Co | ppm | <=0.01 |
| Cr | ppm | <=0.01 |
| Cu | ppm | <=0.01 |
| Fe | ppm | <=0.05 |
| Mg | ppm | <=0.1 |
| Mn | ppm | <=0.01 |
| Ni | ppm | <=0.01 |
| Pb | ppm | <=0.01 |
| Sn | ppm | <=0.1 |
| Zn | ppm | <=0.01 |
| Assay (GLC) | % | >=99.8 |
| Styrene | ppm | <= 10 |
| Ethyl benzene + xylene | ppm | <= 500 |

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)