

T2890FH Gold Line**Typical analysis**

Assay	99%
Paraffins	1.5%
Sulphur (S)	free
Water (H ₂ O)	0.05%

**Packaging**

500ml amber glass bottle
2.5l amber glass bottle
25l white metal drum

T2891FH Platinum Line**Warranty certificate**

Assay (GLC)	min 99.5%
Acidity (Benzoic acid)	0.002%
Alkalinity (NH ₃)	0.002%
Benzene (C ₆ H ₆)	0.05%
Calcium (Ca)	0.00005%
Iron (Fe)	0.000005%
Lead (Pb)	0.000001%
Magnesium (Mg)	0.00001%
Nickel (Ni)	0.000001%
Residue on evaporation	0.001%
Water (H ₂ O) [Karl Fisher]	0.02%
Zinc (Zn)	0.000001%

Packaging

500ml amber glass bottle
2.5l amber glass bottle
25l white metal drum

T2892FH HPLC Line**Warranty certificate**

Assay	min 99.5%
Acidity (in HCl)	0.0005%
Non-volatile matter	0.03%
Water (H ₂ O)	0.001%

UV transmission

Quartz cuvette : 1 cm - control standard: water
10 - 55 - 80 - 90 - 93 - 98 (Transmission %)
285-290-300-310-320-350 (Wavelength nm)

Packaging

2.5l amber glass bottle

Physical properties, composition and data

Chemical formula	C ₆ H ₅ CH ₃ or C ₇ H ₈
Synonym	Methylbenzene; Phenylmethane; Tolual
Chemical group	Hydrocarbons
Atomic weight	92.14
Weight per litre	0.86kg
Appearance	Clear, colourless liquid
Odour	Benzene-like odour
Miscibility	Miscible with ethanol, chloroform, ether, acetone, glacial acetic acid and carbon disulphide
Melting point	-94.5°C
Boiling point	110.6°C
Flash point	4.4°C (closed cup)
Ignition point	535°C
Hazardous material	Flammable and harmful

Laboratory preparation, applications and practices

Laboratory preparation	Obtained mainly from tar oil
Usage	Analytical reagent
Filter paper	Filtech no: 0222, 0225, 1839

Storage and handling information

Storage	Store in a fireproof place separated from sulphuric acid
Safety phrases	16-25-29-53
Risk phrases	11-20
Disposal methods	14
Caution	Narcotic in high concentrations

Transport regulations

Tariff code	2902.30.90
Hazardous class	3
Packing group	II
UN number	1294
ERG number	130
ECB number	203-625-9

