

2,2,4-Trimethylpentane

Grade: Distilled

Catalog number: 398000DIS

Test	Mono-graph	Specification	Typical Result
GC-ECD Responsive residue (as Heptachlorepoxyde)	DIST	Max. 10 pg/ml	LT 1 pg/ml
UV Absorbance @205nm	DIST	Max. 1.00	0.33
UV Absorbance @220nm	DIST	Max. 0.20	0.08
UV Absorbance @230nm	DIST	Max. 0.10	0.03
UV Absorbance @254nm	DIST	Max. 0.01	0.001
UV Absorbance @280nm	DIST	Max. 0.01	0.001
Assay (by GC-FID, Corrected for Water)	DIST	99.8% min.	99.95%
Residue after Evaporation	DIST	Max. 3 ppm	0.3 ppm
Color (APHA)	DIST	10 max.	LT 5 APHA
Description	DIST	Clear colorless liquid free of suspended matter	Pass
Water	DIST	0.02% max	0.001%
Substances Darkened by Sulfuric Acid	DIST	To Pass Test	Pass
Sulfur Compounds (as S)	DIST	0.003% max.	LT 0.0001%
Relative Density	DIST	Max 0.690 g/ml @ 25°C	0.6890 g/ml
Fluorescence at emission max (as Quinine sulfate)	DIST	Max. 1.0 ppb	LT 1 ppb
Refractive Index @ 25oC	DIST	1.3885 - 1.3905	1.3890
Water Soluble Titrable Acid	DIST	0.0003 meq/g max	0.0000 meq/g

Test	Mono-graph	Specification	Typical Result
LC Suitability	DIST	To Pass Test	Pass
LC gradient elution suitability at 254 nm	DIST	To Pass Test	Pass
Identification by IR Spectroscopy and Gas Chromatography	DIST	To Pass Test	Pass

Certification and Compliance Statements

This product complies with all abovementioned specifications. Certain data have been supplied by third parties.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

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