

## Certificate of Analysis

**Product name:** 2,2,4-Trimethylpentane**Batch no.:** 23-0421**Analysis date:** 2023-04-21**Manufacturing date:** 2023-04-21

Items	Specifications	Results	Methods
Appearance	Colorless transparent liquid	Colorless transparent liquid	Visual
Boiling range			GB/T 6536
Initial boiling point (°C)	≥96	96.5	
Final boiling point (°C)	≤107	99.8	
Density (20°C) (kg/m <sup>3</sup> )	690-700	692	GB/T 1884
Bromine index (mgBr/100g)	≤5	3.3	GB/T 11136
Color, (Saybolt no.)	≥+28	+30	ASTMD 156
Sulfur (ppm)	≤5	<1	GB/T 11141
Non-volatile matters (mg/100g)	≤1	N.D.	SY/T 7509
Aromatics (wt%)	≤0.02	N.D.	SH/T 0230
2,2,4-Trimethylpentane (wt%)	≥98.0	99.87	SH/T 0230
C8 components (wt%)	≥99.0	99.91	SH/T 0230
Water (mg/kg)	≤100	45	SH/T 0246

Conclusion: Qualified

