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Certificate of Analysis

Product name: 1- HEXENE

Sample number: 5446766

Serial name: 1- HEXENE

Date of sampling: 2023-07-13 15:27

Batch number: MP81237212

Record number: MMSH-R304029-211

Current standard: Q/SH3175 2022-2021

CAS№: 592-41-6

Technical specifications	Quality indicators	Results	Testing Method
Appearance	Colorless transparent liquid, without mechanical impurities	Colorless transparent liquid, without mechanical impurities	Visual examination
Color (platinum-cobalt color)	≤10	5	GB/T 3143-1982(2004)
C6 component content (mass fraction)/%	Report	99.988	Q/BRICI/FY/QJ003-2018
1- HEXENE content (mass fraction)/%	≥98.5	99.015	Q/BRICI/FY/QJ003-2018
Content of branched chain isomer C6%	≤0.6	0.134	Q/BRICI/FY/QJ003-2018
Internal olefin content/%	≤0.6	0.247	Q/BRICI/FY/QJ003-2018
C6 diolefin content (mass fraction)/%	≤0.1	<0.001	Q/BRICI/FY/QJ003-2018
Content of components below C6/%	≤0.2	<0.001	Q/BRICI/FY/QJ003-2018
The content of C6 alkanes and components above C6 (mass fraction)/%	Report	0.618	Q/BRICI/FY/QJ003-2018
Water content/(mg/kg)	≤50	19.3	SH/T 0246-1992(2004)
Peroxide (with active oxygen)/(mg/kg)	≤5.0	<1.00	SH/T 1797-2015
Carbonyl compound (carbonyl)/(mg/kg)	≤5.0	<1.00	GB/T 6324.5-2008
Sulfur/(mg/kg)	≤2.0	<1.00	SH/T 0689-2000

