

Certificate of Analysis

Date of Testing: 2023-03-24 08:40:04
 Date of Next Testing: 2026-03-23 08:40:04
 Product Name: **Isooctane**
 CAS Number: 540-84-1
 Specifications & Purity: UV/VIS spectroscopy Grade
 Lot #: C2320173
 SKU #: **I432868**
Analysis: **194473**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.94 %
Evaporation Residue	0-0.0002 (%)	0.00 %
Water by Karl Fischer	0-0.005 (%)	0.00 %
Color test (APHA)	0-10	0.00
Alkalinity Content	0-0.0002(eq/kg)	0.00000 eq/kg
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.76 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.53 ppb
Transmission (at 205nm)	30-100 (%)	42.80000 %
Transmission (at 215 nm)	65-100 (%)	74.00000 %
Transmission (at 220 nm)	80-100 (%)	83.70000 %
Transmission (at 225 nm)	85-100 (%)	89.70000 %
Transmission (at 235 nm)	90-100 (%)	95.50000 %
UV Absorbance 205nm	0-0.52	0.36
UV Absorbance 215nm	0-0.19	0.13
UV Absorbance 220nm	0-0.1	0.07
UV Absorbance 225nm	0-0.07	0.04
UV Absorbance 235nm	0-0.05	0.01
UV Absorbance 245nm	0-0.01	0.01
UV Absorbance 255nm	0-0.04	0.00
Acidity	0-0.0002 (eq/kg)	0.00000 eq/kg
Transmission 245 nm	98-100 (%)	98.06 %
Transmission 255 nm	99-100 (%)	99.02000 %
Infrared spectrum	conforms to structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager