

Certificate of Analysis

Date of Testing: 2023-02-20 14:39:22

Date of Next Testing: 2027-02-19 14:39:22

Product Name: **Diisononyl cyclohexane-1,2-dicarboxylate**

CAS Number: 166412-78-8

Specifications & Purity: 95% of the total fat the mixture

Lot #: I2321034

SKU # **D298750**

Analysis: **184730**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Phthalate	0-0.01 (%)	0.01 %
viscosity	44-60 (mPa·S)	56.20000 mPa·S
Density (20°C)	0.944-0.954 (g/cm ³)	0.95 g/cm ³
Water by Karl Fischer	0-0.1 (%)	0.06 %
Assay(Total Ester)	95-100 (%)	95.02 %
Refractive index n ₂₀ /D	1.46-1.466	1.46
Acid Value	0-0.07 (mgKOH/g)	0.00 mgKOH/g



John Su
QA & QC Manager