

# ASES CHEMICAL WORKS

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## CERTIFICATE OF ANALYSIS

1. Name of the Product	Octocrylene
2. Alternative Names	2-ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate
3. CAS Number	6197-30-4
4. Formula	C <sub>24</sub> H <sub>27</sub> NO <sub>2</sub>
5. Mol Weight	361.48 g/mol
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	June-2024

Analytical Tests	Specifications	Results
General Appearance @ 25°C	Pale Yellow to Amber Viscous Liquid	Pass
Specific Gravity @ 25°C	1.045 - 1.055	1.051
Refractive Index @ 25°C	1.561 - 1.571	1.565
Acidity (0.1 mol/L NaOH)	0.18 mL/g MAX	0.05 mL/g
Purity (GC)	95.0 - 105.0%	99.00%
Individual Impurity	0.5% MAX	0.30%
Total Impurities	2.0% MAX	1.00%