

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**CIN: U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd & 3rd Floor, 17th Cross Road, Sector 4,
HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS**

Material/Product Name	Ethylhexyl Triazone		
Batch Number	SCEHT24001	Quantity	500 kg
Mfg. Date	Nov-2024	Retest/Expiry date	October-2025

S. No.	Test Parameter	Specification	Result
01	Description	White to pale yellow color powder.	Off white color powder.
02	Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies
03	Solubility		
	5.0% w/w solution in Acetone	Clearly soluble, without particle.	Complies
	0.5%w/v solution in Ethanol	Soluble.	Complies
	Freely soluble in Acetone	Should be complies.	Complies
04	Melting Range	Between 123°C to 132°C	124.3°C to 125.4°C
05	Water content by KF	Not more than 0.50% w/w	0.10% w/w
06	Purity by HPLC	Not less than 99.5%	99.81%
07	Assay by titration	Between 98.0 % to 103.0%	99.42%
08	Specific extinction E(1%,1cm) at 314±5nm	Not less than 1500	1681
09	Residual Solvents by GC-HS		
	Toluene (ppm)	Report the value.	2.78 ppm
	Hexane (ppm)	Report the value.	Not detected
	Iso propyl alcohol (ppm)	Report the value.	6.75 ppm
Remarks: The material Complies/does not comply with the above specification			
Storage Condition: Store in well closed and ventilated area at room condition			

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Material/Product Name	Ethylhexyl Triazone		
Batch Number	SCEHT24002	Quantity	500 kg
Mfg. Date	Nov-2024	Retest/Expiry date	October-2025

S. No.	Test Parameter	Specification	Result
01	Description	White to pale yellow color powder.	Off white color powder.
02	Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies
03	Solubility		
	5.0% w/w solution in Acetone	Clearly soluble, without particle.	Complies
	0.5%w/v solution in Ethanol	Soluble.	Complies
	Freely soluble in Acetone	Should be complies.	Complies
04	Melting Range	Between 123°C to 132°C	124.1°C to 125.2°C
05	Water content by KF	Not more than 0.50% w/w	0.13% w/w
06	Purity by HPLC	Not less than 99.5%	99.86%
07	Assay by titration	Between 98.0 % to 103.0%	99.56%
08	Specific extinction E(1%,1cm) at 314±5nm	Not less than 1500	1639
09	Residual Solvents by GC-HS		
	Toluene (ppm)	Report the value.	2.66 ppm
	Hexane (ppm)	Report the value.	Not detected
	Iso propyl alcohol (ppm)	Report the value.	7.21 ppm
Remarks: The material Complies/does not comply with the above specification			
Storage Condition: Store in well closed and ventilated area at room condition			

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Material/Product Name	Ethylhexyl Triazone		
Batch Number	SCEHT24003	Quantity	500 kg
Mfg. Date	Nov-2024	Retest/Expiry date	October-2025

S. No.	Test Parameter	Specification	Result
01	Description	White to pale yellow color powder.	Off white color powder.
02	Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies
03	Solubility		
	5.0% w/w solution in Acetone	Clearly soluble, without particle.	Complies
	0.5%w/v solution in Ethanol	Soluble.	Complies
	Freely soluble in Acetone	Should be complies.	Complies
04	Melting Range	Between 123°C to 132°C	124.6°C to 125.7°C
05	Water content by KF	Not more than 0.50% w/w	0.15% w/w
06	Purity by HPLC	Not less than 99.5%	99.77%
07	Assay by titration	Between 98.0 % to 103.0%	99.47%
08	Specific extinction E(1%,1cm) at 314±5nm	Not less than 1500	1649
09	Residual Solvents by GC-HS		
	Toluene (ppm)	Report the value.	3.79 ppm
	Hexane (ppm)	Report the value.	Not detected
	Iso propyl alcohol (ppm)	Report the value.	9.01 ppm
Remarks: The material Complies/does not comply with the above specification			
Storage Condition: Store in well closed and ventilated area at room condition			