

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

Product	Ethylhexyl Triazone
Temperature	25 ± 2°C
Relative Humidity	60 ± 5%
Duration	5 years
Packing Condition	Packed in inner white transparent and outer black-colored polythene bags, kept in HDPE containers, and stored in a long-term stability chamber.
Batch No	RNA/003/24008
Mfg. Date	March-2024

Test	Specification	Initial Day (05-04-2024)	3rd Month (24-07-2024)	6th Month (15-10-2024)	9th Month	12th Month
Description	White to pale yellow color powder	Off-white color powder	Off-white color powder	Off-white color powder		
Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies	Complies	Complies		
Solubility						
5.0% w/v solution in Acetone	Clearly soluble, without particle.	Complies	Complies	Complies		
0.5% w/v solution in Ethanol	Clearly soluble, without particle.	Complies	Complies	Complies		
Freely soluble in Acetone	Should be complies.	Complies	Complies	Complies		
Melting Range	Between 123°C to 132°C	124.4 to 125.5°C	124.7 to 125.8°C	124.5 to 125.9°C		
Water Content by KF	Not more than 0.50% w/w	0.25%	0.10%	0.12%		
Purity by HPLC	Not less than 99.5%	99.98%	99.88%	99.75%		
Assay by Titration	Between 98.0% to 103.0% w/w	98.22%	98.23%	98.21%		

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Batch No	RNA/003/24009
Mfg. Date	March-2024

Test	Specification	Initial Day (05-04-2024)	3rd Month (24-07-2024)	6th Month (15-10-2024)	9th Month	12th Month
Description	White to pale yellow color powder	Off-white color powder	Off-white color powder	Off-white color powder		
Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies	Complies	Complies		
Solubility						
5.0% w/v solution in Acetone	Clearly soluble, without particle.	Complies	Complies	Complies		
0.5% w/v solution in Ethanol	Clearly soluble, without particle.	Complies	Complies	Complies		
Freely soluble in Acetone	Should be complies.	Complies	Complies	Complies		
Melting Range	Between 123°C to 132°C	125.1 to 126.2°C	124.7 to 125.8°C	124.5 to 125.9°C		
Water Content by KF	Not more than 0.50% w/w	0.10%	0.10%	0.10%		
Purity by HPLC	Not less than 99.5%	99.98%	99.88%	99.83%		
Assay by Titration	Between 98.0% to 103.0% w/w	99.30%	99.28%	99.26%		

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Temperature	25 ± 2°C
Relative Humidity	60 ± 5%
Duration	5 years
Packing Condition	Packed in inner white transparent and outer black-colored polythene bags, kept in HDPE containers, and stored in a long-term stability chamber.
Batch No	RNA/003/24010
Mfg. Date	March-2024

Test	Specification	Initial Day (05-04-2024)	3rd Month (24-07-2024)	6th Month (15-10-2024)	9th Month	12th Month
Description	White to pale yellow color powder	Off-white color powder	Off-white color powder	Off-white color powder		
Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies	Complies	Complies		
Solubility						
5.0% w/v solution in Acetone	Clearly soluble, without particle.	Complies	Complies	Complies		
0.5% w/v solution in Ethanol	Clearly soluble, without particle.	Complies	Complies	Complies		
Freely soluble in Acetone	Should be complies.	Complies	Complies	Complies		
Melting Range	Between 123°C to 132°C	124.4 to 125.5°C	124.7 to 125.8°C	124.5 to 125.9°C		
Water Content by KF	Not more than 0.50% w/w	0.10%	0.10%	0.12%		
Purity by HPLC	Not less than 99.5%	99.98%	99.89%	99.82%		
Assay by Titration	Between 98.0% to 103.0% w/w	99.10%	98.94%	99.28%		

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Relative Humidity	60 ± 5%
Duration	6 months
Packing Condition	Packed in inner white transparent and outer black-colored polythene bags, kept in HDPE containers, and stored in a long-term stability chamber.
Batch No	RNA/003/24008
Mfg. Date	March-2024

Test	Specification	Initial Day (05-04-2024)	3rd Month (24-07-2024)	6th Month (15-10-2024)
Description	White to pale yellow color powder	Off-white color powder	Off-white color powder	Off-white color powder
Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies	Complies	Complies
Solubility				
5.0% w/v solution in Acetone	Clearly soluble, without particle.	Complies	Complies	Complies
0.5% w/v solution in Ethanol	Clearly soluble, without particle.	Complies	Complies	Complies
Freely soluble in Acetone	Should be complies.	Complies	Complies	Complies
Melting Range	Between 123°C to 132°C	124.8 to 125.9°C	124.8 to 125.9°C	124.7 to 125.8°C
Water Content by KF	Not more than 0.50% w/w	0.25%	0.10%	0.12%
Purity by HPLC	Not less than 99.5%	99.98%	99.88%	99.81%
Assay by Titration	Between 98.0% to 103.0% w/w	99.22%	98.28%	99.27%

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Mfg. Date	March-2024

Test	Specification	Initial Day (05-04-2024)	3rd Month (24-07-2024)	6th Month (15-10-2024)
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Identification by HPLC	The retention time of the principle peak of the test sample should match with working standard.	Complies	Complies	Complies
Solubility				
5.0% w/v solution in Acetone	Clearly soluble, without particle.	Complies	Complies	Complies
0.5% w/v solution in Ethanol	Clearly soluble, without particle.	Complies	Complies	Complies
Freely soluble in Acetone	Should be complies.	Complies	Complies	Complies
Melting Range	Between 123°C to 132°C	125.1 to 126.2°C	125.3 to 126.4°C	124.9 to 126.0°C
Water Content by KF	Not more than 0.50% w/w	0.25%	0.10%	0.10%
Purity by HPLC	Not less than 99.5%	99.98%	99.88%	99.86%
Assay by Titration	Between 98.0% to 103.0% w/w	98.22%	98.28%	99.22%

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Freely soluble in Acetone	Should be complies.	Complies	Complies	Complies
Melting Range	Between 123°C to 132°C	124.8 to 125.9°C	124.5 to 125.6°C	124.6 to 125.7°C
Water Content by KF	Not more than 0.50% w/w	0.10%	0.10%	0.10%
Purity by HPLC	Not less than 99.5%	99.98%	99.88%	99.83%
Assay by Titration	Between 98.0% to 103.0% w/w	99.10%	99.74%	99.73%