

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



LONG TERM STABILITY STUDY						
Temperature: 25±2°C		Relative Humidity: 60 ± 5%		Duration: 5 Years		
Product: 2-Phenyl-1H-Benzimidazole-5-Sulfonic Acid						
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.						
Test	Specification	Batch No.: SCPBS24001		Mfg. Date: Jan-2024		
		Initial Day (30-01-2024)	3rd Month (30-04-2024)	6th Month (12-08-2024)	9th Month (12-11-2024)	12th Month
Description	White to Off-white powder	Off-white powder	Off-white powder	Off-white powder	Off-white powder	
Identification by UV	The absorptivities, calculated at the wavelength of maximum absorbance at about 302 nm, should not differ by more than 3.0%.	Complies	Complies	Complies	Complies	
Solubility (10% NaOH solution)	Should be clear.	Complies	Complies	Complies	Complies	
UV Specific Extinction (E1%, 1cm at 302 ± 2 nm)	Min. 920	955	976	926	975	
Loss on Drying	Not more than 2.0%	0.47%	0.25%	0.24%	0.28%	
Assay by Titration (On dried basis)	Between 98.0 to 102.0%	99.7%	99.70%	99.91%	99.44%	

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Product: 2-Phenyl-1H-Benzimidazole-5-Sulfonic Acid						
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.						
Test	Specification	Batch No.: SCPBS24002		Mfg. Date: Jan-2024		
		Initial Day (30-01-2024)	3rd Month (30-04-2024)	6th Month (12-08-2024)	9th Month (12-11-2024)	12th Month
Description	White to Off-white powder	Off-white powder	Off-white powder	Off-white powder	Off-white powder	
Identification by UV	The absorptivities, calculated at the wavelength of maximum absorbance at about 302 nm, should not differ by more than 3.0%.	Complies	Complies	Complies	Complies	
Solubility (10% NaOH solution)	Should be clear.	Complies	Complies	Complies	Complies	
UV Specific Extinction (E1%, 1cm at 302 ± 2 nm)	Min. 920	962	962	927	1023	
Loss on Drying	Not more than 2.0%	0.52%	0.45%	0.43%	0.41%	
Assay by Titration (On dried basis)	Between 98.0 to 102.0%	99.8%	99.96%	99.58%	99.47%	

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LONG TERM STABILITY STUDY						
Temperature: 25±2°C		Relative Humidity: 60 ± 5%		Duration: 5 Years		
Product: 2-Phenyl-1H-Benzimidazole-5-Sulfonic Acid						
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.						
Test	Specification	Batch No.: SCPBS24003		Mfg. Date: Jan-2024		
		Initial Day (30-01-2024)	3rd Month (30-04-2024)	6th Month (12-08-2024)	9th Month (12-11-2024)	12th Month
Description	White to Off-white powder	Off-white powder	Off-white powder	Off-white powder	Off-white powder	
Identification by UV	The absorptivities, calculated at the wavelength of maximum absorbance at about 302 nm, should not differ by more than 3.0%.	Complies	Complies	Complies	Complies	
Solubility (10% NaOH solution)	Should be clear.	Complies	Complies	Complies	Complies	
UV Specific Extinction (E1%, 1cm at 302 ± 2 nm)	Min. 920	957	973	928	1012	
Loss on Drying	Not more than 2.0%	0.49%	0.50%	0.49%	0.47%	
Assay by Titration (On dried basis)	Between 98.0 to 102.0%	99.7%	99.85%	99.76%	99.55%	

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ACCELERATED STABILITY STUDY						
Temperature: 40 ± 2°C		Relative Humidity: 75 ± 5%		Duration: 6 Months		
Product: 2-Phenyl-1H-Benzimidazole-5-Sulfonic Acid						
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.						
Test	Specification	Batch No.: SCPBS24001		Mfg. Date: Jan-2024		
		Initial Day (30-01-2024)	3rd Month (30-04-2024)	6th Month (12-08-2024)	9th Month (12-11-2024)	12th Month
Description	White to Off-white powder	Off-white powder	Off-white powder	Off-white powder		
Identification by UV	The absorptivities, calculated at the wavelength of maximum absorbance at about 302 nm, should not differ by more than 3.0%.	Complies	Complies	Complies		
Solubility (10% NaOH solution)	Should be clear.	Complies	Complies	Complies		
UV Specific Extinction (E1%, 1cm at 302 ± 2 nm)	Min. 920	955	965	927		
Loss on Drying	Not more than 2.0%	0.47%	0.30%	0.30%		
Assay by Titration (On dried basis)	Between 98.0 to 102.0%	99.7%	99.71%	99.57%		

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Temperature: 40 ± 2°C		Relative Humidity: 75 ± 5%		Duration: 6 Months		
Product: 2-Phenyl-1H-Benzimidazole-5-Sulfonic Acid						
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.						
Test	Specification	Batch No.: SCPBS24002		Mfg. Date: Jan-2024		
		Initial Day (30-01-2024)	3rd Month (30-04-2024)	6th Month (12-08-2024)	9th Month (12-11-2024)	12th Month
Description	White to Off-white powder	Off-white powder	Off-white powder	Off-white powder		
Identification by UV	The absorptivities, calculated at the wavelength of maximum absorbance at about 302 nm, should not differ by more than 3.0%.	Complies	Complies	Complies		
Solubility (10% NaOH solution)	Should be clear.	Complies	Complies	Complies		
UV Specific Extinction (E1%, 1cm at 302 ± 2 nm)	Min. 920	962	961	928		
Loss on Drying	Not more than 2.0%	0.52%	0.40%	0.38%		
Assay by Titration (On dried basis)	Between 98.0 to 102.0%	99.8%	100.07%	98.49%		

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Product: 2-Phenyl-1H-Benzimidazole-5-Sulfonic Acid						
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.						
Test	Specification	Batch No.: SCPBS24003		Mfg. Date: Jan-2024		
		Initial Day (30-01-2024)	3rd Month (30-04-2024)	6th Month (12-08-2024)	9th Month (12-11-2024)	12th Month
Description	White to Off-white powder	Off-white powder	Off-white powder	Off-white powder		
Identification by UV	The absorptivities, calculated at the wavelength of maximum absorbance at about 302 nm, should not differ by more than 3.0%.	Complies	Complies	Complies		
Solubility (10% NaOH solution)	Should be clear.	Complies	Complies	Complies		
UV Specific Extinction (E1%, 1cm at 302 ± 2 nm)	Min. 920	957	972	925		
Loss on Drying	Not more than 2.0%	0.49%	0.35%	0.34%		
Assay by Titration (On dried basis)	Between 98.0 to 102.0%	99.7%	100.49%	98.50%		