

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	2,4-Diamino-6-Chloropyrimidine-3-Oxide		
Batch Number	SCDAP24001	Quantity	250.00 Kg
Mfg. Date	Nov-2024	Retest/Expiry date	Apr-2025

S. No.	Test Parameter	Specification	Result
01	Appearance	Pale yellow crystalline powder.	Pale yellow crystalline powder.
02	Identification by HPLC	The retention time of the major peak in the chromatogram of the sample solution should correspond to that of the standard solution, as obtained in the Purity by HPLC test.	Complies
03	Water content by KF	Not more than 1.0% w/w	0.21% w/w
04	Sulphated Ash	Not more than 0.2% w/w	0.09% w/w
05	Chromatographic Purity by HPLC (%Area)		
	Purity	Not less than 92.0%	95.04%
	Impurity at about RRT 0.6	Not more than 1.0%	0.60%
	Impurity at about RRT 0.8	Not more than 1.0%	0.32%
	Impurity at about RRT 0.9	Not more than 2.0%	0.82%
	2,4-Diamino-6 chloropyrimidine at about RRT 1.3	Not more than 5.0%	2.33%
	Impurity at about RRT 1.5	Not more than 1.0%	0.75%
	Any individual unknown	Not more than 0.1%	0.07%
	Total impurities	Not more than 8.0%	4.96%
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	2,4-Diamino-6-Chloropyrimidine-3-Oxide		
Batch Number	SCDAP24002	Quantity	250.00 Kg
Mfg. Date	Nov-2024	Retest/Expiry date	Apr-2025

S. No.	Test Parameter	Specification	Result
01	Appearance	Pale yellow crystalline powder.	Pale yellow crystalline powder.
02	Identification by HPLC	The retention time of the major peak in the chromatogram of the sample solution should correspond to that of the standard solution, as obtained in the Purity by HPLC test.	Complies
03	Water content by KF	Not more than 1.0% w/w	0.25% w/w
04	Sulphated Ash	Not more than 0.2% w/w	0.10% w/w
05	Chromatographic Purity by HPLC (%Area)		
	Purity	Not less than 92.0%	96.53%
	Impurity at about RRT 0.6	Not more than 1.0%	0.58%
	Impurity at about RRT 0.8	Not more than 1.0%	0.26%
	Impurity at about RRT 0.9	Not more than 2.0%	Not detected
	2,4-Diamino-6 chloropyrimidine at about RRT 1.3	Not more than 5.0%	1.98%
	Impurity at about RRT 1.5	Not more than 1.0%	0.59%
	Any individual unknown	Not more than 0.1%	0.038%
	Total impurities	Not more than 8.0%	3.48%
Remarks: The material Complies/does not comply with the above specification			
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Material/Product Name	2,4-Diamino-6-Chloropyrimidine-3-Oxide		
Batch Number	SCDAP24003	Quantity	250.00 Kg
Mfg. Date	Nov-2024	Retest/Expiry date	Apr-2025

S. No.	Test Parameter	Specification	Result
01	Appearance	Pale yellow crystalline powder.	Pale yellow crystalline powder.
02	Identification by HPLC	The retention time of the major peak in the chromatogram of the sample solution should correspond to that of the standard solution, as obtained in the Purity by HPLC test.	Complies
03	Water content by KF	Not more than 1.0% w/w	0.40% w/w
04	Sulphated Ash	Not more than 0.2% w/w	0.08% w/w
05	Chromatographic Purity by HPLC (%Area)		
	Purity	Not less than 92.0%	96.60%
	Impurity at about RRT 0.6	Not more than 1.0%	0.60%
	Impurity at about RRT 0.8	Not more than 1.0%	0.23%
	Impurity at about RRT 0.9	Not more than 2.0%	Not detected
	2,4-Diamino-6 chloropyrimidine at about RRT 1.3	Not more than 5.0%	1.86%
	Impurity at about RRT 1.5	Not more than 1.0%	0.64%
	Any individual unknown	Not more than 0.1%	0.038%
	Total impurities	Not more than 8.0%	3.40%
Remarks: The material Complies/does not comply with the above specification			
Storage Condition: Store in well closed and ventilated area at room condition			