



CHEMWILL ASIA Co., Limited
海蔚化学亚洲有限公司

Chemwill Asia Co., Limited

CERTIFICATE OF ANALYSIS

Product Name:	1,8-Diaminonaphthalene	Cas No: 479-27-6
Parameters	Specification	Result
Description	Off white powder	Complies
Identity -HPLC	Positive	Complies
Assay	NLT 98%	99.62%
Residual solvents		
- Total	NMT 1.0%	0.2%
- Ethanol	NMT 0.5%	0.1%
- Acetone	NMT 0.5%	<0.1%
- Total amount of other solvents	NMT 0.08%	0.02%
Heavy Metals		
As	≤ 3.0 ppm	1 ppm
Pb	≤ 8.0 ppm	3 ppm
Cd	≤ 0.5 ppm	negative
Hg	≤ 0.5 ppm	negative
Sum	≤ 20.0 ppm	4 ppm
Loss on drying	NMT 4.0%	1.5%
Microbiological quality	Ph. Eur. category 3A	
Total Plate Count	<1000 cfu/g	115 cfu/g
Yeast & Mold	<100 cfu/g	13 cfu/g
E.Coli.	Negative	Negative
Salmonella	Negative	Negative
Conclusion	Conform with specification	
Storage	Store in cool & dry place, Keep away from strong light and heat.	
Shelf life	2 years when properly stored	

Quality Assurance Officer Corrector Analyst

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