

Gree Industry Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product name: 2-Phenylbenzimidazole-5-sulfonic acid

Cas: 27503-81-7		Date of Manufacture:2024.10.21
		Date of Inspection:2024.10.21
Test Item	Specification	Result
Appearance	White to off-white crystalline powder	White to off-white crystalline powder
Uv/VIS spectrum Ldentity	Passed test	conform
IR Ldentity	Passed test	conform
Assay(HPLC)	98.0-102.0%	100.0
Specific extinction (E1%,1cmat302±2nm)	920 to 990	944
Loss on Drying	1.0% max	0.27
Odor	Neutral, comparable to standard	conform
Major peak retention time of sample	The same as standard solution	conform
Acid value (Potentiometric 0.02MNaOH Adjustment to pH7)	170-190ml	176
Acetic acid	5000ppm max	536
Conclusion	Qualified	
Validity: 36 months		

Analyst:LiuYan

Collator:Yang Lili

