

CERTIFICATE OF ANALYSIS

Product Name:	5-Methylpyrazine-2-carboxylic acid		
CAS No.:	5521-55-1	Quantity	100kg
MFG. Date	Jan.05,2025	Batch No.	250105
Sampling site	Inner Warehouse		

Item	Standard	Results
Appearance	Off-white or little yellow powder	Little yellow powder
Assay (titration %)	≥98.0-102.0	99.18
Purity by HPLC (External standard %)	≥98.0-102.0	99.19
Purity by HPLC (Area normalization method %)	≥99.0	99.89
Water content(%)	≤0.5	0.06
Total impurities(%)	≤0.5	0.12
RRT1.5(%)	≤0.05	N.D
Melting range(°C)	163.0-167.0	Conform
Heavy metal (Pb)PPM	≤10	<10
Chloride ion (CL)(%)	≤0.5	<0.5
Conclusion	The results conforms with enterprise Standards.	

Analyst:Fancheng

Checker:Dongxin

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