

CERTIFICATE OF ANALYSIS

Product : 5-methylpyrazine-2-carboxylic acid
Batch No.: 130107
Mfg.Date: Jan.10th 2012
Exp.Date: Jan.9th 2013
Quantity: 50.0grams

Tests	Specifications	Results
Appearance	almost white or little yellow powder	light yellow powder
Melting point	163-167℃	165.0℃
Water content	0.5%max	0.23%
Chlorine ion	0.5%max.	Undetected
Heavy metals	10ppm max.	Undetected
Assay(HPLC)	98.0%min.	99.53%
Residue on ignition	1.0%max.	0.24%

Conclusion: It conforms with the Enterprise' standard.

Prepared by: 王瑾园 Reviewed by: 王萍 Approved by: 夏沛国

杭州思诺科化工贸易有限公司
HANGZHOU THINK CHEMICAL CO.,LTD.
夏沛国

CERTIFICATE OF ANALYSIS

Product : 5-methylpyrazine-2-carboxylic acid
Batch No.: 130108
Mfg.Date: Jan.11th 2012
Exp.Date: Jan.10th 2013
Quantity: 50.0grams

Tests	Specifications	Results
Appearance	almost white or little yellow powder	light yellow powder
Melting point	163-167℃	165.0℃
Water content	0.5%max	0.21%
Chlorine ion	0.5%max.	Undetected
Heavy metals	10ppm max.	Undetected
Assay(HPLC)	98.0%min.	99.52%
Residue on ignition	1.0%max.	0.27%

Conclusion: It conforms with the Enterprise' standard.

Prepared by: 王瑾园 Reviewed by: 王磊 Approved by: 夏沛国

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