

CERTIFICATE OF ANALYSIS

1. Basic Information

Chemical Name: 2-methoxy-3-(4-methylpentyl)pyrazine	CAS Number: 68844-95-1
Molecular Weight: 194.27	Formula: C11H18N2O
Batch Number: 2024052801	Manufacturing Date: May,28 th ,2025
Quantity: 100G	Retest Date: May,27 th ,2025

2. Physical Characteristics

Items	Standard	Result
Sensory evaluation	Powerful, sweet, Green	Conform
Appearance	liquid	Conform
Color (visual color)	Colorless to Pale yellow	Conform
Specific gravity(20/20°C)	0.9730-0.9770	0.9766
Specific gravity(20/4°C)	0.9710-0.9750	0.9739
Specific gravity(25/25°C)	0.9700-0.9740	0.9735
Refractive index(20°C)	1.4870-1.4910	1.4902
Refractive index(25°C)	1.4850-1.4890	1.4878
Color "L"; cielab	98.0-104.0	100.6
Color "a"; cielab	-4.0-2.0	-0.08
Color "b"; cielab	-2.0-6.0	0.45
Conform chromatogram (ISO 7609 polar)	Conform	Conform

Purity (GC)(ISO 7609 polar)	≥99.0%	99.48%
Conclusion	Comply with the standards	

3. Storage conditions

Storage and handling	720 Days
Flashpoint	68°C/154°F
Storage conditions	Dry, well ventilated, preferably full, hermetically sealed
Temperature conditions	Store Ambient 10-30°C(50-85°F)
Handling	Protect against light.

QC Manager: Liu Si

Checker: Hu Kai

Approved: Shao Jin