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SPECIFICATION SHEET

Product Name: 3-(Methylthio)propionaldehyde
CAS number: 3268-49-3
FEMA number: 2747
Chemical formula: C₄H₈OS
Molecular weight: 104.17
Source: Chemical synthesis.
Used Part: Food flavour
Product categories: Food additive

ANALYSIS	SPECIFICATION	TEST METHOD
Appearance	Colourless to pale yellow liquid	Visual
Odor	Powerful and diffusive onion and meat-like odour; in dilution, more pleasant, less onion-like, reminiscent of boullion	Organoleptic
Assay	≥ 98%	GC
Relative density(25/25°C)	1.037-1.052	Pycnometer
Refractive index(20°C)	1.479-1.493	Abbe refractometer
As	<3 mg/kg	Using Method of Spot of As
Heavy Metal(Pb)	<10 mg/kg	Colorimetry

Storage Hermetic sealing, Store in low temperature to Avoid light place.

Shelf life 1 years when properly stored

Original