



# Wuhan BMC Limited

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## SPECIFICATION SHEET

**Product Name:** 3-Mercapto-2-butanone  
**CAS number:** 40789-98-8  
**FEMA number:** 3298  
**Chemical formula:** C<sub>4</sub>H<sub>8</sub>OS  
**Molecular weight:** 104.16  
**Source:** Chemical synthesis.  
**Used Part:** Food flavour  
**Product categories:** Food additive

ANALYSIS	SPECIFICATION	TEST METHOD
Appearance	Colorless to pale yellow liquid	Visual
Odor	Meat fragrance, Onion fragrance	Organoleptic
Assay	≥ 95%	GC
Relative density(25/25°C)	1.0913-1.1040	Pycnometer
Refractive index(20°C)	1.4694-1.4955	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