



Wuhan BMC Limited

Suite 1715, China Merchants Bank Tower, 518 Jianshe Ave. Wuhan, China 430022

Tel: (027) 85725683, 85743611 Fax: (027) 85743101

SPECIFICATION SHEET

Product Name: Tetrahydrothiophen-3-one
4,5-Dihydro-3-(2H)thiophenone
CAS number: 1003-04-9
FEMA number: 3266
Chemical formula: C₄H₆OS
Molecular weight: 185.25
Source: Chemical synthesis.
Used Part: Food flavour
Product categories: Food additive

ANALYSIS	SPECIFICATION	TEST METHOD
Appearance	Colourless to yellow liquid	Visual
Odor	Garlic, meaty, green vegetable, buttery odour	Organoleptic
Assay	≥ 98%	GC
Relative density(20℃)	1.194-1.199	Pycnometer
Refractive index(20℃)	1.527-1.531	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