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SPECIFICATION SHEET

Product Name: 2-Mercapto-3-butanol
CAS number: 37887-04-0
FEMA number: 3502
Chemical formula: $C_4H_{10}OS$
Molecular weight: 106.18
Source: Chemical synthesis.
Used Part: Food flavour
Product categories: Food additive

ANALYSIS	SPECIFICATION	TEST METHOD
Appearance	Colorless, transparent liquid.	Visual
Odor	Meat fragrance, Onion fragrance	Organoleptic
Assay	$\geq 99\%$	GC
Relative density(25/25°C)	1.010-1.017	Pycnometer
Refractive index(20°C)	1.476-1.485	Abbe refractometer
As	$< 3 \text{ mg/kg}$	Using Method of Spot of As
Heavy Metal(Pb)	$< 10 \text{ mg/kg}$	Colorimetry

Storage Hermetic sealing, Store in low temperature to Avoid light place.
Shelf life 1 years when properly stored