Avocado Research Chemicals (Thermo Fisher Scientific)
Shore Road, Port of
Heysham Industrial Park
Heysham,
LA3 2XY, United Kingdom

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by LRQA. Certificate Number. 10551915

Catalogue Number	A12828
Lot Number	10255224
Description	Thiourea, 99%
CAS Number	62-56-6
Quality Test/Release Date	18/Jun/2025
Suggested retest date	18/Jun/2028
Country of Origin	India
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	(by Sulfur EA) : ≥ 98.5 to ≤ 101.5% (dry weight basis)	99.0
Appearance (Color)		White	White
Elemental Analysis	%	Carbon content 15.48-16.08% (dry weight basis)	15.88
Elemental Analysis	%	Hydrogen content 5.00-5.60% (dry weight basis)	5.32
Elemental Analysis	%	Nitrogen content 36.26-37.36% (dry weight basis)	36.83
Elemental Analysis	%	Sulfur content 41.49-42.75% (dry weight basis)	41.73
Form		Crystals or crystalline powder	Crystalline powder
Identification (FTIR)		Conforms	Conforms
Loss on Drying	%	≤1.0% (@105°C to constant weight)	0.74
Melting Point (clear melt)	°C	169-178°C	170.3-171.8

Paul Coleman
Site Quality Manager

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.