64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

Product Name:
Thiourea, ACS Pur*Reagent*, ≥99.0 %

Product No.:	PSR42376
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	62-56-6
Molecular Formula:	CN_2H_4S
Molecular Weight:	76.12 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	White to Off White Powder	White Powder
Assay	≥ 99.0 %	99.55 %
Loss on drying	NMT 0.5 %	0.35 %
Residue on Ignition	NMT 0.1 %	0.03 %
Solubility (1g in 20ml)	Colorless Clear Solution	Colorless Clear Solution
Melting Point	174 - 177 °C	175°C
Sulphated Ash	NMT 0.05 %	0.03 %
Chloride (Cl)	NMT 0.001 %	< 0.001 %
Sulphate (SO_4)	NMT 0.005 %	< 0.005 %
Iron (Fe)	NMT 0.0005 %	< 0.0005 %
Heavy Metals (Pb)	NMT 0.001 %	< 0.001 %
Identification by IR	Conforms to Structure	Conforms to Structure

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

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Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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