



**GMP & ISO 9001 Quality System Certified Organization**  
**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

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## CERTIFICATE OF ANALYSIS

Name of Item: THIOUREA AR

Formula: CH<sub>4</sub>N<sub>2</sub>S

M.W.: 76.12

Batch No.: T0235

CAS NO.: 62-56-6

Cat. No.: UP4153

Date of Mfg.:

Date of Analysis:

Type of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Assay	(Min.) 99.0%	99.48%
Melting point	174 - 178°C	178°C
Water insoluble matter	<0.005%	0.0038%
Sulphated ash	<0.05%	0.04%
Sulphate (SO <sub>4</sub> )	<0.01%	<0.01%
Iron (Fe)	<0.0005%	0.0004%
Sensitivity with bismuth	Passes test	Passes test

**Results :** The above product complies with AR grade