



Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206752	Tiomolibdate diammonium	S9G10M14

Chemical name	
Ammonium tetrathiomolybdate	
Synonyms	
Tiomolibdate diammonium; Ammonium molybdenum sulfide; Ammonium tetrathiomolybdate; ATTM; Coprexa; NSC 286644; Thiomolybdic acid, diammonium salt.	
Chemical structure	CAS# and Theoretical analysis
$\begin{array}{c} \text{S} \quad \text{NH}_4^+ \\ \\ ^-\text{S}-\text{Mo}-\text{S}^- \\ \\ \text{NH}_4^+ \text{S} \end{array}$	MedKoo Cat#: 206752 Name: Tiomolibdate diammonium CAS#: 15060-55-6 Lot#: S9G10M14 Chemical Formula: H ₈ MoN ₂ S ₄ Molecular Weight: 260.28

Analysis item	Specifications / Results
Appearance	Very dark red crystal powder
Structure	X-Ray diffraction conforms to structure
Purity (Trace metal Analysis)	>99 %
Molybdenum (Mo)	35.5-8.1% (confirmed by ICP)
Trace Metal Analysis	≤ 400ppm
Conclusion	This product conforms with MedKoo's quality standards

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE