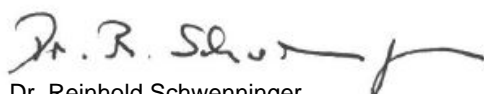


Certificate of Analysis

Product Name: Ammonium pyrrolidinedithiocarbamate
~ 99 %
Product Number: P8765
Batch Number: BCCH2413
CAS Number: 5108-96-3
Formula: $C_5H_9NS_2 \cdot NH_3$
Formula Weight: 164.29
Storage Temperature: 2-8 C
Quality Release Date: 04 MAR 2022

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO OFF WHITE	WHITE
APPEARANCE (FORM)	POWDER	POWDER
PURITY (HPLC AREA %)	≥ 98.5 %	99.0 %
SOLUBILITY (COLOR)	COLORLESS TO FAINT YELLOW	COLORLESS
SOLUBILITY (TURBIDITY)	CLEAR TO VERY SLIGHTLY HAZY	CLEAR
SOLUBILITY (METHOD)	200MG PLUS 4ML OF WATER	200MG PLUS 4ML OF WATER
CARBON CONTENT	35.8 - 37.3 %	36.4 %
NITROGEN CONTENT	16.7 - 17.4 %	17.1 %
TEST BY UV SPECTROSCOPY	SUITABLE FOR THE SPECTROPHOTOMETRIC DETECTION OF MOLYBDENUM	CORRESPONDS



Dr. Reinhold Schwenninger

Quality Assurance

Buchs, Switzerland

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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