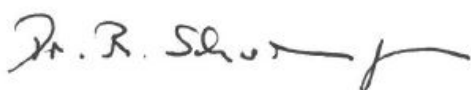


Certificate of Analysis

Product Name: 4-(Dimethylamino)cinnamaldehyde
chromogenic reagent for indoles and flavanols
Product Number: D4506
Batch Number: BCCD6638
Brand: Sigma
CAS Number: 6203-18-5
Formula: $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CH}=\text{CHCHO}$
Formula Weight: 175.23
Storage Temperature: 0 to -20 C
Quality Release Date: 25 SEP 2020
Recommended Retest Date: JUL 2024

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	YELLOW TO VERY DARK YELLOW AND ORANGE TO VERY DARK ORANGE	ORANGE
APPEARANCE (FORM)	POWDER	POWDER
PURITY (HPLC AREA %)	≥ 97.5 %	99.9 %
SOLUBILITY (COLOR)	YELLOW TO VERY DARK YELLOW TO VERY DARK RED	VERY DARK ORANGE
SOLUBILITY (TURBIDITY)	CLEAR TO HAZY	HAZY
SOLUBILITY (METHOD)	250MG IN 5ML CHLOROFORM/ETHANOL (1:1)	250MG IN 5ML CHLOROFORM/ETHANOL (1:1)
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



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.