

Certificate of Analysis

Product Name: MELAMINE
analytical standard

Product Number: 52549

Batch Number: 1422105V

Brand: Fluka

CAS Number: 108-78-1

Formula: C₃H₆N₆

Formula Weight: 126.12

Quality Release Date: 23 MAR 2012

Date retested: 24 OCT 2013

Recommended Retest Date: OCT 2015

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS OR WHITE	WHITE
APPEARANCE (FORM)	POWDER	POWDER
PURITY (HPLC AREA %)	≥ 99.0 %	99.0 %
CARBON CONTENT	28.57 % (THEORY)	28.60 %
HYDROGEN CONTENT	4.80 % (THEORY)	4.64 %
NITROGEN CONTENT	66.63 % (THEORY)	66.60 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



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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.