

Certificate of Analysis

Product Name: 1-ETHYL-3-METHYLIMIDAZOLIUM CHLORIDE
dry, >= 98.0 % T

Product Number: 53096

Batch Number: BCBN9227V

Brand: Aldrich

CAS Number: 65039-09-0

Formula: C₆H₁₁ClN₂

Formula Weight: 146.62

Quality Release Date: 07 NOV 2014

Recommended Retest Date: FEB 2017

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO FAINT YELLOW	FAINT YELLOW
APPEARANCE (FORM)	POWDER OR CRYSTALS	CRYSTALS
ARGENTOMETR. TITRATION	≥ 98.0 %	99.2 %
PURITY (HPLC AREA %)	≥ 98.0 %	99.6 %
DENSITY D20/4	0.954 - 0.958	0.955
WATER (COULOMETR.)	≤ 300 PPM	268 PPM
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
CYCLIC VOLTAMMOGRAM	CORRESPONDS TO STANDARD CYCLOVOLTGRAMM	ELECTROCHEMICAL WINDOW -2.8V TO +2.0V



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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.