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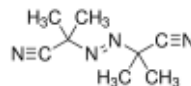
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

2,2'-Azobis(2-methylpropionitrile) - recrystallized, 99%

Product Number: 755745
Batch Number: MKCF1524
Brand: ALDRICH
CAS Number: 78-67-1
Formula: C₈H₁₂N₄
Formula Weight: 164.21 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 13 FEB 2018



| Test | Specification | Result |
|---------------------|-----------------------|----------|
| Appearance (Color) | White | White |
| Appearance (Form) | Powder or Crystals | Crystals |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Proton NMR Spectrum | Conforms to Structure | Conforms |
| Carbon | 57.6 - 59.4 % | 58.4 % |
| Nitrogen | 33.6 - 34.6 % | 33.7 % |

Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.