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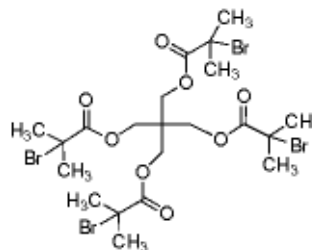
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Pentaerythritol tetrakis(2-bromoisobutyrate) - 97%

Product Number: 723193
Batch Number: MKBN8415V
Brand: ALDRICH
CAS Number: 243991-62-0
Formula: C₂₁H₃₂Br₄O₈
Formula Weight: 732.09 g/mol
Quality Release Date: 14 FEB 2013



Test	Specification	Result
Appearance (Color) White to Off-White to Yellow	Conforms to Requirements	White
Appearance (Form)	Powder to Crystalline Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms
Titration by AgNO ₃ After Oxygen Combustion	96.5 - 103.5 %	98.5 %
Purity (HPLC)	≥ 96.5 %	99.8 %

Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin 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.