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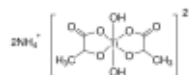
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Titanium(IV) bis(ammonium lactato)dihydroxide solution - 50 wt. % in H₂O

Product Number: 388165
Batch Number: MKCD4351
Brand: ALDRICH
MDL Number: MFCD00072736
Formula: C₆H₁₈N₂O₈Ti
Formula Weight: 294.08 g/mol
Quality Release Date: 19 JUN 2017



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Light Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Gardner Color	≤ 6	< 2
Specific Gravity	1.180 - 1.250	1.208
pH	8.2 - 9.0	8.3
Titanium Dioxide	13.2 - 14.0 %	13.8 %
Chloride (Cl)	≤ 120 ppm	13 ppm
Miscellaneous Assay	≤ 1.00 %	< 1.00 %
Isopropanol		

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.