

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

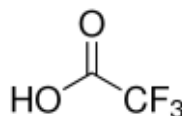
Outside USA: eurtechserv@sial.com

Certificate of Analysis

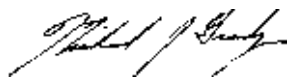
Product Name:

Bruker standard solvent - for MALDI MS, 50% ACN + 47.5% H₂O + 2.5% TFA

Product Number: 900666
Batch Number: SHBL9932
Brand: SIAL
Quality Release Date: 10 MAR 2020
Recommended Retest Date: FEB 2023



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Water (by Karl Fischer)	47 - 49 % (V)	47 % (V)
Titration with NaOH TFA	2.0 - 3.0 % (V)	2.7 % (V)
Trace Metal Analysis	Corresponds to Requirements	Corresponds
Barium (Ba)	≤ 5 ppm	< 1 ppm
Cadmium (Cd)	≤ 5 ppm	< 1 ppm
Calcium (Ca)	≤ 20 ppm	< 1 ppm
Chromium (Cr)	≤ 5 ppm	< 1 ppm
Cobalt (Co)	≤ 5 ppm	< 1 ppm
Copper (Cu)	≤ 5 ppm	< 1 ppm
Iron (Fe)	≤ 20 ppm	< 1 ppm
Lead (Pb)	≤ 5 ppm	< 1 ppm
Magnesium (Mg)	≤ 5 ppm	< 1 ppm
Manganese (Mn)	≤ 5 ppm	< 1 ppm
Nickel (Ni)	≤ 5 ppm	< 1 ppm
Potassium (K)	≤ 20 ppm	< 1 ppm
Sodium (Na)	≤ 20 ppm	< 1 ppm
Zinc (Zn)	≤ 5 ppm	< 1 ppm
Recommended Retest Period	-----	-----
36 Months		



Michael Grady, Manager

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.

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Number: 900666
Batch Number: SHBL9932

Quality Control
Sheboygan Falls, 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.