

Certificate of Analysis

Reference Substance

Oxalic Acid Dihydrate

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Catalogue Number:	LGCFOR0928.00	Long-term Storage:	2 to 8 °C, dark
Lot Number:	41535	Appearance:	white solid
Molecular Formula:	$C_2H_2O_4$ $2H_2O$	Melting Point:	101 °C
Molecular Weight: CAS Number:	126.07	Assay 'as is':	99.5 %
CAS Number.			
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Date of shipment: 2016-May-20			
This certificate is valid for two years from the date of shipment provided the substance is stored under the recommended conditions.			
Release Date: 2014-01-30 LGC GmbH			
		Janok.	

Dr. Sabine Schröder Product Release





LGC GmbH, Im Biotechnologiepark, TGZ II, D-14943 Luckenwalde, Germany

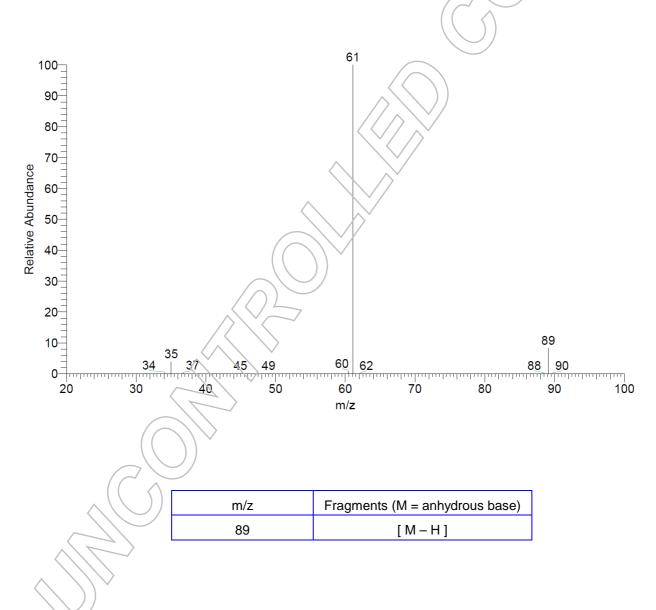


I. Identity

The identity of the reference substance was established by following analyses.

Ia. Mass Spectrum

Method: 4.5 kV ESI; vaporization temperature: 200 °C, direct inlet



The signals of the mass spectrum and their interpretation are consistent with the structural formula.

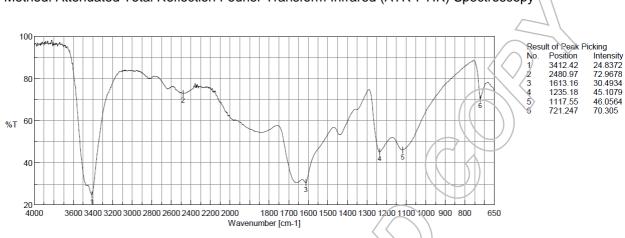


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Ib. IR Spectrum

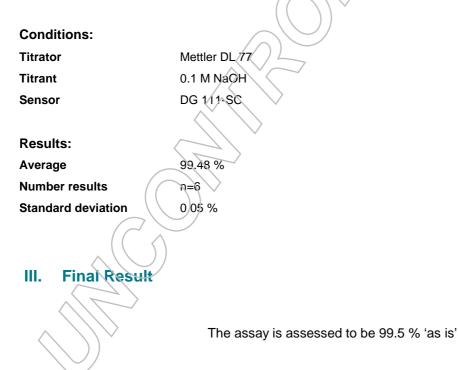


Method: Attenuated Total Reflection Fourier Transform Infrared (ATR-FTIR) Spectroscopy

The signals of the IR spectrum and their interpretation are consistent with the structural formula.

II. Assay

The assay of the reference substance was established by titration.



The assay 'as is' is equivalent to the assay based on the not anhydrous and not dried substance respectively.



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