



Version	00
Molecular weight	146.14
Molecular Formula	C6 H10 O4
CAS No	124-04-9
Linear Formula	HO2C(CH2)4CO2H
Flash Point (°C)	196

## Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

<b>Catalog Number</b>	10281	<b>Quality Test / Release Date</b>	01/20/2023
<b>Lot Number</b>	A0449413	<b>Suggested retest date</b>	01/20/2028
<b>Description</b>	Adipic acid,99%		
<b>Country of Origin</b>	GERMANY		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Conforms	Conforms
Melting point	151°C to 153°C	152.8°C
Titration with NaOH	>=99 %	99.9 %
Water	=<0.2 %	0.1 %
Iron (Fe)	=<0.4 ppm	0.04 ppm
Nitrate (NO3)	=<4 ppm	1.2 ppm
Color of solution	=<5 APHA (20g adipic acid +	1 APHA (20g adipic acid +
Color of solution	20 g dist. H2O + 60 g 10% NH3 soln.)	20 g dist. H2O + 60 g 10% NH3 soln.)
Ash	=<0.0002 %	0.0001 %

C. Wygaerts, QA Manager

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