



Version	01
Molecular weight	164.16
Quality Test / Release Date	06/14/2018
Molecular Formula	C9 H8 O3
CAS No	129-64-6
Linear Formula	
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

<b>Catalog Number</b>	13451	<b>Quality Test / Release Date</b> 06/14/2018
<b>Lot Number</b>	A0382314	
<b>Description</b>	Carbic anhydride, 99+%	
<b>Country of Origin</b>	JAPAN	
<b>Declaration of Origin</b>	synthetic	

<b>BSE/TSE comment</b>	
------------------------	--

<b>Chemical Comment</b>	
-------------------------	--

Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystalline powder	Crystalline powder
Infrared spectrum		Authentic	Authentic
Melting point		162°C to 165°C	164.9°C
Assay		>=99.0 % (Anhydride)	99.9 % (Anhydride)
Assay		Balance: himic acid	Balance: himic acid
Color of molten substance		=<200 APHA	90 APHA



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 06-15-2018

Acros Organics  
 ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 3a, B-2440 Geel, Belgium  
 Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: <http://www.acros.com>  
 1 Regent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329