



Version	00
Molecular weight	180.16
Quality Test / Release Date	11/26/2019
Molecular Formula	C <sub>9</sub> H <sub>8</sub> O <sub>4</sub>
CAS No	331-39-5
Linear Formula	(HO) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> CH=CHCO <sub>2</sub> H
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the lot number below 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. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	11493	Quality Test / Release Date	11/26/2019
Lot Number	A0414490		
Description	3,4-Dihydroxycinnamic acid, 99+%, predominantly trans isomer		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Yellow to yellow-green	Yellow
Appearance (Form)		Powder	Powder
Infrared spectrum		Conforms	Conforms
Titration with NaOH		>=99.0 %	99.2 %



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

L. Van den Broek, QA Manager

Issued: 11-27-2019

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