

## Certificate of Analysis

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Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

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. Thermo Fisher Scientific 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 humans or animals. It is the responsibility of the final formulator and end user 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	14082	Quality Test / Release Date	12/29/2020
Lot Number	B0150474		
Description	VANILLIN		
Country of Origin	United States	Suggested Retest Date	Jun/2025

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White to pale yellowish crystalline powder
ASSAY	%	>= 98.5	100.3
IDENTIFICATION	PASS/FAIL	IN PASS TEST	pass test
INFRARED SCAN	REPORT	IN CONFORMS TO REF	conforms to ref
MELTING POINT	DEGREES CELSIUS	Inclusive Between 81 - 84	81



Julian Burton - Quality Control Manager – Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.