## Certificate of product line quality

## Art Pipette Tips product family

Thermo Fisher Scientific, Inc. certifies that the Thermo Scientific™ Art™ Pipette Tips product family has been manufactured in accordance with established manufacturing guidelines and product specifications\*. These products are subject to rigorous quality inspections and conform to the highest internally established quality requirements as well as external standards as listed below.

The following quality control criteria apply to the aforementioned product family:

Item	Description
Materials	Products are produced with high grade polypropylene resins. Tips are produced with virgin polypropylene resin. Thermo Fisher Scientific does not use any latex or animal-based products or by-products for the manufacturing or packaging of its products.
Functional testing	Products undergo continuous quality controls regarding product function; this includes dimensional checks for visual inspection and functional inspection (weight of liquid).
Animal components	Bovine spongiform encephalopathy (BSE) and transmissible spongiform encephalopathies (TSE) (EMEA 410/01 compliant) regulatory statements.  Our suppliers state the following concerning animal origin and TSE/BSE:
	<ul> <li>When manufacturing the raw material (polypropylene), they do not use or intentionally add any ingredients of animal origin. Therefore the product is to be considered safe to use in food, pharmaceutical, and cosmetic contact applications with respect to TSE/BSE transmissions.</li> </ul>
	Tallow-derived additives may be used in the manufacturing of the raw material (polypropylene).
	The specifications of resins are available for more information regarding the additives or any other substances that may be used by the manufacturers. Product specifications may change without notice.
Bisphenol A (BPA) free*	BPA has not been used in the manufacturing process of the plastic in question.
Adenosine triphosphate (ATP) free	Products are tested for the presence of ATP using a luciferase-based detection assay. Products with ATP levels below the experimental baseline value are certified ATP-free in the range <10–13 mg/µL.

<sup>\*</sup>This certification includes only the tips and not the packaging.

## Available in Fit for Purpose



ISO 9001 Certified

ISO 14001

ISO 13485 Certified

Thermo Fisher Scientific, Inc. Quality Management System is certified in accordance with international Quality Management standards. All sites are certified to one or more Quality Management standards; refer to the <u>Site ISO Certifications</u> for copies of relevant ISO Certifications.

Changes to manufacturing procedures, packaging, and product specifications are documented and traceable. To receive notifications of product changes, register to receive changes through the following link www.thermofisher.com/registercustomernotifications.

All products are fully traceable by lot number. For a lot-specific certificate, please Contact Us/Technical Support (Link) and enter the product name or SKU.

For any additional information or inquires, Contact Us for Support (Link) and choose the appropriate option.

Ravi Gupta Vice President/General Manager, Liquid Handling Solutions Laboratory Plastics Essentials

Luis Perez Director, Quality Assurance Laboratory Products



Learn more at thermofisher.com/fitforpurpose

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