

Water

0.3 (K.F.)

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	13275		
Lot Number	A0457202		
Description	Spermine,97%		
CAS Number	71-44-3		
Quality Test/Release Date	01/May/2025		
Suggested retest date	01/May/2028		
Country of Origin	UNITED STATES OF AMERICA		
Declaration of Origin	synthetic		
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).		
	(Including	but not limited to fermentation or nutrie	
Result Name	(Including Units	but not limited to fermentation or nutrie Specifications	
			ent broth, catalysts, enzymes).
Result Name		Specifications	Test Value
Result Name Appearance (Color)		Specifications White to light yellow Crystalline powder or low melting	ent broth, catalysts, enzymes). Test Value White
Result Name Appearance (Color) Appearance (Form)		Specifications White to light yellow Crystalline powder or low melting mass	ent broth, catalysts, enzymes). Test Value White Crystals

=<3 (K.F.)

%

Geert Torfs Supervisor, QC

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.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.