

## **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

	30 y derived from or manufacture	ed with any animal byproducts in any way n or nutrient broth, catalysts, enzymes). <b>Test Value</b>	
06/Apr/203 CHINA synthetic Not directl	30 y derived from or manufacture	, ,, , ,	
06/Apr/203 CHINA synthetic	30	ed with any animal byproducts in any way	
06/Apr/203 CHINA			
06/Apr/203			
06/Apr/202	25		
1806-29-7			
2,2'-Bipher	nol,99%		
A0446445			
15199			
	A0446445 2,2'-Bipher	A0446445 2,2'-Biphenol,99%	A0446445 2,2'-Biphenol,99%

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	Appearance (Color)		Beige to light grey	Beige
	Appearance (Form)		Powder	Powder
	Infrared spectrum		Conforms	Conforms
	Melting point		108°C to 111°C	109°C
	GC	%	>=98.5	99.7
	Loss on drying	%	=<0.5	0.07
	Iron (Fe)	ppm	=<15	6

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.