Acros Organics BV (Thermo Fisher Scientific)
Janssen Pharmaceuticalaan 3a
Geel,
2440, Belgium

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	41903
Lot Number	A0354541
Description	Rhodamine 6G perchlorate,99%,pure,laser grade
CAS Number	13161-28-9
Quality Test/Release Date	09/Dec/2024
Suggested retest date	09/Dec/2029
Country of Origin	UNITED STATES OF AMERICA
Declaration of Origin	synthetic

Result Name	Units	Specifications	Test Value
Appearance		pink-red crystalline powder to red crystals	pink-red crystalline powder
Infrared spectrum		authentic	authentic
UV spectrum		complies	complies
TLC	%	>=98.5	99.3
UV Lambda max	nm	528 (in methanol)	528.7 (in methanol)
Molar absorption coefficient	l/(mole.cm)	104000 (lambda max.)	109484 (lambda max.)
Fluorescence max	nm	547 (in methanol)	547 (in methanol)
Optimum lasing	nm	563 (in methanol)	563 (in methanol)
Suitability		(for use as a laser dye) passes	(for use as a laser dye) passes



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.