

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global
Certificate Number: CERT-0120633

Catalogue Number	A459
Lot Number	254613
Description	2-PROPANOL 70%, WATER 30%
CAS Number	7732-18-5
Quality Test/Release Date	10/Nov/2025
Suggested retest date	09/Nov/2030
Country of Origin	United States
Declaration of Origin	Organic - synthetic
BSE/TSE	This material does not originate from animal products, including any reagents and/or intermediate products used in the production process. Therefore, it is free from BSE/TSE.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY	%	Inclusive Between 68.0 - 72.0	71.2
COLOR	APHA	<= 10	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.8628 - 0.8730	0.8641
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.3706 - 1.3722	1.3718



Ash Frey
Supervisor, Quality Control

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 use or further manufacturing. 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.