

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global
Certificate Number. QMS42099

Catalogue Number 32689
Lot Number 2221658
Description 1, 4 Dioxane, extra dry Anhydrous Solvent
CAS Number 123-91-1
Quality Test/Release Date 22/Apr/2022
Expiry Phrase Unopened, expires 2 years after date of analysis
Country of Origin Japan

Result Name	Units	Specifications	Test Value
Acidity acetic acid	%	<= 0.002	0.0003
Assay (GC)	%	>= 99.75	99.99
Butylated hydroxytoluene (BHT)	ppm	>= 2 and <= 5	2.2
Chemical form		Mobile liquid	Mobile liquid
Identity FTIR (Pass/Fail)		Must be 'Pass'	Pass
Peroxide	%	<= 0.005	0.00068
Residue after evaporation (%)	%	<= 0.002	None Detected
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.005	0.00099

A. Ganatra

Ashok Ganatra
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 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.