



## 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 26837 Lot Number 2542902

Description Toluene HPLC Solvent HPLC

CAS Number 108-88-3 Quality Test/Release Date 26/Jun/2025

Expiry Phrase Use within 5 years of opening

Country of Origin United Kingdom

| Result Name                     | Units | Specifications   | Test Value       |  |
|---------------------------------|-------|------------------|------------------|--|
| Absorbance @ 290 nm             | A.U.  | <= 0.5           | 0.102            |  |
| Absorbance @ 300 nm             | A.U.  | <= 0.1           | 0.033            |  |
| Absorbance @ 310 nm             | A.U.  | <= 0.05          | 0.014            |  |
| Absorbance @ 320 nm             | A.U.  | <= 0.05          | 0.008            |  |
| Absorbance @ 330 nm             | A.U.  | <= 0.03          | 0.004            |  |
| Absorbance @ 340 nm             | A.U.  | <= 0.02          | 0.003            |  |
| Absorbance @ 350 nm             | A.U.  | <= 0.01          | 0                |  |
| Acidity                         | meq/g | <= 0.0015        | 0.00002          |  |
| Assay (GC)                      | %     | >= 99.8          | 99.99            |  |
| Chemical form                   |       | Mobile liquid    | Mobile liquid    |  |
| Residue after evaporation (ppm) | ppm   | <= 2             | None Detected    |  |
| Visual colour                   |       | Clear colourless | Clear colourless |  |
| Water                           | %     | <= 0.03          | 0.006            |  |

Additional Information Filtered to 0.2 micron

A. Ganatra
Ashok 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.