

Catalogue Number

Fisher Scientific UK Ltd. Bishop Meadow Road Loughborough, LE11 5RG, United Kingdom

## **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

C/4680

| DescriptionChlorobenzene SLR Specified reagent for general lab workCAS Number108-90-7Quality Test/Release Date13/May/2025Expiry PhraseUse within 5 years of openingCountry of OriginBelgiumResult NameUnitsSpecificationsTest ValueAcidity/alkalinity (meq/g)meq/g<= 0.0050.00005Assay (GC)%>= 9999.99Calcium (Ca)ppm<= 5<0.02Chemical formMobile liquidMobile liquidColourAPHA<= 20<5Copper (Cu)ppm<= 2<0.01Iron (Fe)ppm<= 2<0.005Lead (Pb)ppm<= 2<0.005Magnesium (Mg)ppm<= 2<0.01 | 108-<br>13/M<br>Use | 3-90-7<br>/May/2025           | r general lab work |  |  |
|---|---------------------|-------------------------------|--------------------|--|--|
| Quality Test/Release Date13/May/2025Expiry PhraseUse within 5 years of openingCountry of OriginBelgiumResult NameUnitsSpecificationsTest ValueAcidity/alkalinity (meq/g)meq/g<= 0.005   | 13/M<br>Use         | /May/2025                     |                    |  |  |
| Expiry Phrase<br>Country of OriginUse within 5 years of opening<br>BelgiumResult NameUnitsSpecificationsTest ValueAcidity/alkalinity (meq/g)meq/g<= 0.005   | Use                 | ,                             |                    |  |  |
| Country of OriginBelgiumResult NameUnitsSpecificationsTest ValueAcidity/alkalinity (meq/g)meq/g<= 0.005   |                     | e within 5 years of opening   |                    |  |  |
| Result NameUnitsSpecificationsTest ValueAcidity/alkalinity (meq/g)meq/g<= 0.005   | Dala                | Use within 5 years of opening |                    |  |  |
| Acidity/alkalinity (meq/g) meq/g <= 0.005   | Beigi               | Belgium                       |                    |  |  |
| Assay (GC) % >= 99 99.99   Calcium (Ca) ppm <= 5  | Units               | its Specifications            | Test Value         |  |  |
| Calcium (Ca)ppm<= 5<0.02Chemical formMobile liquidMobile liquidColourAPHA<= 20  | meq/                | q/g <= 0.005                  | 0.00005            |  |  |
| Chemical formMobile liquidMobile liquidColourAPHA<= 20  | %                   | >= 99                         | 99.99              |  |  |
| Colour   APHA   <= 20   <5     Copper (Cu)   ppm   <= 2   | ppm                 | m <= 5                        | <0.02              |  |  |
| Copper (Cu)   ppm   <= 2   <0.01     Iron (Fe)   ppm   <= 2   |                     | Mobile liquid                 | Mobile liquid      |  |  |
| Iron (Fe)   ppm   <= 2   <0.02     Lead (Pb)   ppm   <= 2   | APH                 | HA <= 20                      | <5                 |  |  |
| Lead (Pb) ppm <= 2 <0.005   | ppm                 | m <= 2                        | <0.01              |  |  |
|   | ppm                 | m <= 2                        | <0.02              |  |  |
| Magnesium (Ma) ppm <= 2 <0.01   | ppm                 | m <= 2                        | <0.005             |  |  |
|   | ppm                 | m <= 2                        | <0.01              |  |  |
| Potassium (K) ppm <= 2 <0.02  | ppm                 | m <= 2                        | <0.02              |  |  |
| Residue after evaporation (ppm) ppm <= 100 2.7  | ppm                 | m <= 100                      | 2.7                |  |  |
| Sodium (Na) ppm <= 5 <0.05  | ppm                 | m <= 5                        | <0.05              |  |  |
| Total phosphorus (P) ppm <= 2 <0.02   | ppm                 | m <= 2                        | <0.02              |  |  |
| Total silicon (Si) ppm <= 2 <0.02   | ppm                 | m <= 2                        | <0.02              |  |  |
| Total sulfur (S) ppm <= 2 <0.05   | ppm                 | m <= 2                        | <0.05              |  |  |
| Visual colour Clear colourless Clear colourless   |                     | Clear colourless              | Clear colourless   |  |  |
| Water % <= 0.5 0.002  | %                   | <= 0.5                        | 0.002              |  |  |
| Zinc (Zn) ppm <= 2 <0.01  | ppm                 | m <= 2                        | <0.01              |  |  |

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.