

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS****HE0120\_24469202/1**

|                                                               |                                            |                       |            |
|---------------------------------------------------------------|--------------------------------------------|-----------------------|------------|
| Product                                                       | Heptane, fraction from petroleum, EssentQ® | Batch                 | 24469202   |
| <b>HE0120</b>                                                 |                                            | Quality release date  | 23/01/2024 |
|                                                               |                                            | Expiry date           | 01/2029    |
| <b>Analysis</b>                                               | <b>Batch value</b>                         | <b>Specifications</b> |            |
| Boiling range                                                 | 93 - 99 °C                                 | 93 - 99               |            |
| Density (20°/4°)                                              | 0,6892 g/mL                                | 0,680 - 0,720         |            |
| Acidity                                                       | 0,00004 meq/g                              | ≤ 0,001               |            |
| Copper (Cu)                                                   | < 0,2 ppm                                  | ≤ 0,2                 |            |
| Iron (Fe)                                                     | < 0,5 ppm                                  | ≤ 0,5                 |            |
| Lead (Pb)                                                     | < 0,2 ppm                                  | ≤ 0,2                 |            |
| Nickel (Ni)                                                   | < 0,2 ppm                                  | ≤ 0,2                 |            |
| Sulfur compounds (as S)                                       | < 0,005 %                                  | ≤ 0,005               |            |
| Thiophene and homologous (as C <sub>4</sub> H <sub>4</sub> S) | < 0,0005 %                                 | ≤ 0,0005              |            |
| Residue on evaporation                                        | 0,0006 %                                   | ≤ 0,001               |            |
| Water (K.F.)                                                  | 0,0024 %                                   | ≤ 0,02                |            |

For laboratory use only

Results marked with # are out of specifications.  
This certificate does not exempt the user from checking the results upon receipt of the goods.  
Any copy of our CoA may be obtained from our website at [www.scharlab.com](http://www.scharlab.com)

Marta Martinez Casals  
Laboratory Technician