



# हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) पंजीकृत कार्यालय: 17, जमशेदजी टाटा मार्ग, मुंबई - 400020

**HINDUSTAN PETROLEUM CORPORATION LIMITED**

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE: 17, JAMSHEDJI TATA ROAD, MUMBAI-400020



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## TEST REPORT

### HEXANE

|                  |                                 |                        |                            |
|------------------|---------------------------------|------------------------|----------------------------|
| Report Date      | 26.02.2026                      | Testing Laboratory     | Mumbai Refinery Laboratory |
| LIMS Lab Sr. No  | S-3158                          | Storage Tank No.       | 260                        |
| Batch No.        | HEXANE/HRM/TK260/S3158/27H/2026 | Type of Sample         | Composite                  |
| Source of Sample | OMCC                            | Date of Testing        | 22.08.2026                 |
| Consignee        |                                 | Date of Sample Drawn   | 22.08.2026                 |
| Sample Drawn by  | OMCC                            | Date of Receipt in Lab | 22.08.2026                 |

| Sr. No: | Characteristics                           | Units          | Test Method             | Specification            |        | Result                   |
|---------|-------------------------------------------|----------------|-------------------------|--------------------------|--------|--------------------------|
|         |                                           |                |                         | Min                      | Max    |                          |
| 1       | Density at 15°C#                          | gm/cc          | ASTM D4052              | Report                   |        | 0.6771                   |
| 2       | Refractive Index at 20 deg.C              | -              | ASTM D1218              | 1.3750                   | 1.3840 | 1.3800                   |
| 3       | Distillation                              | -              | IS 1448 (Part 18)       |                          |        |                          |
|         | a) Initial Boiling Point                  | <sup>0</sup> C |                         | 63.0                     | -      | 64.2                     |
|         | b) Distilled between 64-70 <sup>0</sup> C | Vol %          |                         | 95.0                     | -      | 99.0                     |
| 4       | Non-volatile residue                      | g/100 ml       | Annex A- IS 3470 : 2017 | -                        | 0.0005 | 0.0003                   |
| 5       | Reaction of non-volatile residue          | -              | Annex B- IS 3470 : 2017 | Neutral to Methyl orange |        | Neutral to Methyl orange |
| 6       | Sulphur content                           | mg/kg          | ASTM D5453              | -                        | 5.00   | 1.38                     |
| 7       | Benzene content                           | Vol %          | ASTM D4367              | -                        | 0.050  | 0.013                    |
| 8       | Aromatics                                 | Vol %          | ASTM D4367              | -                        | 0.070  | 0.013                    |
| 9       | Saturates                                 | mass %         | IS 1448 (Part 23)       | 98.5                     | -      | 99.8                     |

**Remarks: Sample meets the customer specification in above tests of characteristics.**

#### NOTE:

1. The test results relates only to the sample tested.
2. Test certificate shall not be reproduced unless written permission is obtained from Mumbai Refinery Laboratory of M/s HPCL.
- 3.# Density @15°C is reported in addition to specification requirements for quantity calculation purpose.

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PR No. 38029180

**Authorized Signatory  
HPCL, Mumbai Refinery**

**End of Test Report**