Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

# CERTIFICATE OF ANALYSIS

**Product:** Hexanes, High Purity
**Catalog Number:** H1053
**Lot Number:** 2601103
**Test Date:** 01/12/24 **CAS #:** 110-54-3
**Chemical Formula:** $C_6H_{14}$ **Formula Weight:** 86.18

| Description | Specification | Results |
|---|---|---|
| Appearance | Clear liquid, free from sediment | Passes |
| Density @ 15°C | 0.6550-0.6850 | 0.6834 |
| Color, Pt-Co | 10 max | <5 |
| Distillation °C 5% Recovery | 64 min | 66.2 |
| 95% Recovery | 71 max | 69.2 |
| Bromine Number, g Br2/100g | 4.00 max | 0.10 |
| Free Water Content | None | Passes |
| Benzene Content | 0.2 max | <0.20 |
| H2S, SO2 Content | Negative | Passes |
| Corrosion, Copper Strip | 1 max | 1a |
| Total Sulfur | 5.0 max | 0.12 |
| Kari-butanol Value | Report | 32.8 |
| Aniline Point, °F | 134-156 | 143.6 |
| Hexane, % | Report | 26.83 |
| Purity, % | Report | 99.63 |

It is certified on 01/12/24 that the above is a true copy of the actual lot analysis.

Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

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