

Certificate of Analysis

Product: n-Hexane 95%
Grade: HPLC
Part No.'s: 1916-5

| | |
|-------------------|--------------------------------|
| Lot: | I4K132 |
| Mfg. Date: | 2018-04-20 |
| Exp. Date: | 3 years after Mfg. Date |

Manufactured by Duksan Pure Chemicals

Meets ACS Specification

Ultraviolet Spectrophotometry

Maximum UV Absorbance:

| Wavelength | Unit | Specification (Max) | Results |
|------------|------|---------------------|---------|
| 195 | nm | 1.00 | 0.81 |
| 210 | nm | 0.25 | 0.14 |
| 220 | nm | 0.075 | 0.046 |
| 254 | nm | 0.005 | 0.001 |
| UV Cutoff | nm | 195 | <195 |

LC Gradient Suitability

| Test | Unit | Specification | Results |
|-------------------------------|-----------------------|---------------|---------------|
| Assay | by GC, n-Hexane | % | Min. 95.0 |
| | Total C9 Hydrocarbons | % | Min. 99.8 |
| Color (APHA) | | Max. 10 | 3 |
| Water | % | Max. 0.01 | 0.002% |
| Residue After Evaporation | ppm | Max. 3 | <1ppm |
| Water Soluble Titratable Acid | mEq/g | Max. 0.0003 | 0.00004 mEq/g |
| Sulfur Compounds (as S) | % | 0.005% | <0.005 |
| Thiophene | | To Pass Test | Pass |

Created By:



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