



**PRODUCT SPECIFICATION SHEET**  
**n-HEXANE, 95% min.**  
**GLASS PURIFIED, GLASS DISTILLED**  
**MEETS HRGC/HPLC-TRACE GRADE MONOGRAPHS**

Main Catalog No: 359095DIS-Size Code\*, zh359095DIS-Size Code\*

Available in the following sizes:

|   |
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| *Refer to Master Price List – Individual package sizes have unique size codes |
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GC Analysis of this product using an electron capture detector shows no peaks with a response greater than 10ppt as Heptachlor Epoxide.

| PRODUCT SPECIFICATIONS                       | LIMITS       | TYPICAL LOT ANALYSIS |
|--|--------------|----------------------|
| GC-ECD (as Heptachlor Epoxide)               | 10ppt max    | <5ppt                |
| GC-FID (as 2-Octanol)                        | 5 ppb max    | <5ppb                |
| UV Absorbance @ 195nm                        | 1.00 max     | 0.430                |
| 210nm  | 0.30 max     | 0.158                |
| 220nm  | 0.20 max     | 0.049                |
| 230nm  | 0.10 max     | 0.020                |
| 240nm  | 0.04 max     | 0.015                |
| 250nm  | 0.02 max     | 0.004                |
| 280nm  | 0.01 max     | 0.000                |
| 400nm  | 0.01 max     | 0.000                |
| Assay, (GC), n-Hexane                        | 95.0% min    | 95.2%                |
| Assay, (GC), C6 (Hexanes)                    | 99.5% min    | 99.9%                |
| Residue After Evaporation                    | 1 ppm max    | <1 ppm               |
| Water, max                                   | 0.01%        | 0.001%               |
| Thiophene                                    | To Pass      | Pass                 |
| Color (APHA)                                 | 10 max       | <10                  |
| Fluorescence Background (as Quinine Sulfate) | 1ppb         | <1ppb                |
| Water Soluble Titrable Acid                  | 0.0003meq/g  | 0.0001meq/g          |
| Sulfur (as S)                                | 0.005% max   | <0.005%              |
| LC Suitability                               | To Pass Test | Pass                 |
| Identification (IR/GC)                       | To Conform   | Pass                 |

Form n-Hexane 95%-Distilled, #101, Rev. 2.2, 06/16, KAD

Purified, dried and distilled in glass – Suitable for: High Resolution Gas Chromatography, Mass Spectroscopy, Trace Organic Analysis, Critical and Routine HPLC. Meets all other ACS Specifications for General Use Reagent, Spectrophotometric Analysis and General Use HPLC.

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.