



Certificate of Analysis

n-Heptane CAS# 142-82-5/ EC# 205-563-8

Analysis Report- Batch LX202208HP

Property	Specification	Unit	Test Result
Appearance	Clear Liquid	--	Clear and free from suspended matter
Saybolt	+30	--	+30
Density @ 68°F/20°C	0.68-0.69	g/cm3	0.683
Purity	99.00 min	%(m/m)	99.7465
Benzene	10 max	%(m/m)	0.34
Total Sulfur	<1	mg/kg	0.11
Copper Corrosion (212°F/100°C, 2h)	--	--	1A
Distillation Range	95-98	°C	95-98
Initial Boiling Point	≥95	°C	95
Dry Point	≤98	°C	97.00%
Bromine Index	<1	mgBr/100g	0.25
Heavy Metal (Lead)	No	mg/kg	Pass

Properties, where stated, are to be considered as representative of current batch and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, no guarantee, warranty, or representation is made, intended, or implied as to the correctness or sufficiency of any information, or as to the suitability of any chemical compounds for any particular use. Products may be toxic and require special precautions in handling. For the products listed, user should obtain detailed information on toxicity, together with proper shipping, handling, and storage procedures, and comply with all applicable safety and environmental standards. ***Data on this form has been supplied by the manufacturer.*** Solvent Direct, Inc expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. It is the responsibility of the Buyer to determine suitability, legality, and acceptable use based upon the intended use. Products are tested to meet the analytical requirements of the noted grade. The above stated values have been drawn directly from the manufacturer certificate of analysis. The values stated are not intended to replace nor supersede any representation of the original certificate of analysis for this product. A full and complete version of the original certificate of analysis for this product can be provided to the customer upon purchase and Buyer's acceptance of Solvent Direct, Inc' Terms and Conditions.



Certificate of Analysis

CDA-12-A
(200 Proof)
CAS# 64-17-5

Customer: Solvent Direct
Date: June 22, 2021
PO: 1860
Lot: 2304231T
Net Weight: 1,775#

CHARACTERISTIC	SPECIFICATION	TEST RESULT
Appearance	Clear thin liquid	Pass
Color (APHA)	15 max	<15
Odor	Characteristic	Pass
Suspended matter	Substantially free from particulate	Pass
Specific gravity @ 60 F	0.7850-0.7974	0.788
Water content, %	0.5 max	<0.5
Identity (GC)	Compares to standard	Pass
Typical Composition		
*Ethanol, wt%		95.8%
*n-Heptane, wt%		4.2%

*CDA 12-A (n-Heptane) is prepared according to TTB formula 27 CFR part 21.26. The formula contains 100 gallons ethyl alcohol and 5 gallons n-heptane.

*This product meets USP monograph specifications and is approved KOSHER – Pareve. NO USP Class 1, 2, 3 or other residual solvents are used in manufacturing or handling. Shelf life recommendation: Retest one (1) year from above date to confirm fitness for use.

Note: The information and recommendations of _____ concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate however _____ assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for a particular purpose are made without warranty, expressed or implied.