

19300 LACTOL SPIRITS BLEND



Revision 10/2023

CITGO Lactol Spirits 19300 is a low-boiling aliphatic solvent consisting primarily of C6-C8 hydrocarbons. It is a clear, colorless, flammable liquid that is miscible with most common organic solvents. It has a light aliphatic odor. CITGO Lactol Spirits 19300 meets the definition of non-photochemically-reactive as defined by 66/3 Rule requirements. It meets ASTM D3735, Type IV Specifications. See the Safety Data Sheet for additional safety and regulatory information.

Property Description	Units	Specification	Typical Property	ASTM Method
ACIDITY OF RESIDUE			NEUTRAL	D1093
ANILINE POINT	DEGF	135 MAX	122	D611
API GRAVITY (60/60 F)	DEG API		62.5	D287 OR D4052
APPEARANCE			CLEAR	
AROMATIC CONTENT	VOL %	22 MAX	19	GC
BENZENE CONTENT	VOL %	0.09 MAX	<0.005	GC-VUV
COLOR, SAYBOLT		+28 MIN	+30	D156
CORROSION, 3 HRS @ 122 F		1 (B) MAX	1 (A)	D130
DENSITY @ 60 F (15.6 C)	LB/GAL		6.09	D287 (CALC'D)
DISTILLATION, IBP	DEGF	195 MIN	197	D86
DISTILLATION, 50%	DEGF		204	D86
DISTILLATION, DP	DEGF	225 MAX	217	D86
FLASH POINT (TCC)	DEGF		<20	D56
KAURI-BUTANOL VALUE (KB)			39	D1133
REFR. INDEX (TYPICAL @ 25C)			1.413	D1218
SPECIFIC GRAVITY (60/60 F)		0.725 – 0.740	0.7305	D287 (CALC'D)
WATER	PPM		50	D6304



CITGO Petroleum Corporation
135th Street & New Avenue
Lemont, IL 60439
Order desk: 1-800-964-7676

Limitations of Warranty & Liability

Seller warrants its product will meet the specifications listed herein and it has good title to the product, free and clear of all liens and security interests; SELLER MAKES NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer or user accepts liability for determining if the product is suitable for Buyer's or user's intended use. Any recommendation as to use made by Seller is done so at Buyer's or user's risk.

Buyer shall assume all risk and liability for and shall defend, indemnify, and hold Seller harmless from and against all claims, liabilities, costs, and expenses arising from or connected with the possession, transportation, handling, unloading, storage, processing or use of the product alone or in combination with other substances. Buyer's exclusive remedy and Seller's exclusive liability for damages under contract, tort, strict liability, negligence, or otherwise, shall be limited at Seller's option to the refund of the purchase price or the replacement of the product. In no event shall Seller be liable for incidental, indirect, special, or consequential damages.

Buyer acknowledges receipt of a Material Safety Data Sheet for the product and that the product may require special handling, storage, transportation, treatment or use to comply with applicable safety and environmental standards and will take all necessary action to comply therewith. Buyer further agrees to properly label the product if it is repackaged or resold and pass on all safety information and hazard warnings to its employees, purchasers, and users and their employees.
