

Item Number	HP682	Lot Number	24020190
Item	Hexane, HPLC Grade	CAS Number	110-54-3
Molecular Formula	C ₆ H ₁₄	Molecular Weight	86.18

TEST	SPECIFICATION		RESULT
	MIN	MAX	
ASSAY (by GC):			.
n-HEXANE	95 %		99.6 %
TOTAL HEXANES	99.5 %		> 99.99 %
LIQUID CHROMATOGRAPHY	TO PASS TEST		PASSES TEST
COLOR (APHA)		10	< 5
RESIDUE AFTER EVAPORATION		2 ppm	< 0.1 ppm
TITRABLE ACID (H ₂ O SOLUBLE)		0.0003 meq/g	0.00004 meq/g
SULFUR COMPOUNDS (as SO ₄)		0.005 %	< 0.0001 %
THIOPHENE	TO PASS TEST		PASSES TEST
WATER		0.01 %	0.0012 %
ULTRAVIOLET ABSORBANCE (1 cm cell vs. water):			.
195 nm		1.00 AU	0.45 AU
210 nm		0.20 AU	0.11 AU
220 nm		0.10 AU	0.03 AU
230 nm		0.08 AU	0.01 AU
240 nm		0.04 AU	< 0.001 AU
250 nm		0.02 AU	< 0.001 AU
254 nm		0.01 AU	< 0.001 AU
280 nm		0.005 AU	< 0.001 AU
400 nm		0.005 AU	< 0.001 AU
APPEARANCE			CLEAR COLORLESS LIQUID
RETEST DATE			01-APR-2027
DATE OF MANUFACTURE			10-APR-2024

Certificate of Analysis Results Entered By:

HBERMUDEZ
Hernan Bermudez
03-MAY-24 12:45:29

Certificate of Analysis Results Approved By:

SHANSEN
Selin Hansen
03-MAY-24 15:55:18

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All pharmaceutical ingredients are tested using current edition of applicable pharmacopeia.

Read and understand label and SDS before handling any chemicals. All Spectrum's chemicals are for manufacturing, processing, repacking or research purposes by experienced personnel only. It is the customer's responsibility to provide adequate hazardous material training and ensure that appropriate Personal Protective Equipment (PPE) is used before handling any chemical.