

Product Specification & Testing

SW 03257	n-Heptane Pure Grade		
Reference:	Manufacturer specifications	Filename:	03257 n-Heptane pure grd spec_CoA.doc
Revision	0	Revised	10/24/18
		Review Date	10/24/20

Test Date:	05-28-19	Inbound <input checked="" type="checkbox"/>	Supplier:	Colonial	Container	Drum
Lot number:	4-190059	Outbound <input type="checkbox"/>	Customer:		Container	

CHARACTERISTIC	TEST METHOD	SPECIFICATION	RESULT
*Appearance	Visual	Clear, no particulate matter	Pass
*Color	APHA or Saybolt	Colorless, +30 min Saybolt or 10 max APHA	SAYBOLT +30
Odor	Olfactory	Characteristic of product	Pass

Manufacturer CoFA, fill out for inbound shipments – MUST PASS FOR APPROVAL

n-Heptane, wt%	Manuf CoA	99.0 min	99.40
cis-1,2-Dimethylcyclopentane + MCH, wt%	Manuf CoA	1.0 max	0.141
trans-1,2-Dimethylcyclopentane, wt%	Manuf CoA	0.249 max	0.056
3-Methylhexane, wt%	Manuf CoA	0.249 max	0.154
3-Ethylpentane	Manuf CoA	Report, or Not reported	Not Reported
Largest other single component, wt%	Manuf CoA	0.149 max	0.106
Aromatics, ppm (or Benzene)	Manuf CoA	10 max (3 max in CPChem)	0
Distillation, °C IBP	Manuf CoA	97 Min	98
		DP	98
Copper corrosion	ASTM D130	1 Max	Pass
Doctor test	ASTM D4952	ND / Pass	ND / Pass

*Manufacturer specification

2-year retest/expiration from Mfg CoA/production date: 05-24-2021

Certificate of Analysis received (inbound) Yes

Shipment is Approved by **Ben Fantasia**

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Approved Suppliers/Products

ChevronPhillips (CPChem)	N-HEPTANE, PURE
SABR (dist for SK Chemical)	H/P HEPTANE PURE GRADE

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CERTIFICATE OF ANALYSIS

Product: N-HEPTANE (PURE GRADE)
 Product Code.: 03257

Lot No.		Customer	
Mfg/Cert Date		PO No.	
Retest/Exp Date		Bill of Lading	

Property	Method	Specification	Result
Appearance	Visual	Clear, no particulate matter	Pass
APHA color, or Saybolt color	ASTM D5386 ASTM D156	10 Max +30 Min	
n-Heptane, wt%	Chromatography	99.0 Min	
cis-1,2-Dimethylcyclopentane + MCH, wt%	Chromatography	1.0 Max	
trans-1,2-Dimethylcyclopentane, wt%	Chromatography	0.249 Max	
3-Methylhexane, wt%	Chromatography	0.249 Max	
3-Ethylpentane, wt%	Chromatography	-----	Not reported
Largest other single component, wt%	Chromatography	0.149 Max	
Aromatics, ppm	Chromatography	10 Max	
Distillation, °C IBP DP	ASTM D1078	97.2 Min 100.5 Max	
Copper corrosion	ASTM D130	1 Max	Pass
Doctor test	ASTM D4952	ND / Pass	ND / Pass