



CHEVRON PHILLIPS CHEMICALS
INTERNATIONAL N.V.
Fabrieksstraat 5
Industriepark Schoonhees 2166
B-3980 TESSENDERLO Tel +32(0)13 61 04 11
Belgium Fax +32(0)13 66 30 06

CoA Date: 28.09.2022

Certificate of Analysis

Product: TERTIARY DODECYL MERCAPTAN DRUM *

Material Code:1024817

Batch Number: 22DTTDM13 Quantity: 27300.000 KG

Property	Test Method	Specification	Value	Unit
Tert-Dodecyl Mercaptan	CPCHEM GC	>= 98.5	98.6	WT%
Mercaptan Sulfur	CPCHEM Titration	15.70 - 16.00	15.74	WT%
Distillation, IBP	ASTM D1078		228.3	°C
Distillation 5%	ASTM D1078		232.7	°C
Distillation 95%	ASTM D1078		244.5	°C
Color, APHA	ASTM D5386	<= 15	6	APHA
Color, delta E	ASTM E308	<= 0.70	0.33	dE
Specific gravity (15,6°C)	ASTM D4052		0.856	
Appearance	CPCHEM Visual	Clear with no particulate matter	Clear with no particulate matter	

Batch Number: 22FTTDM37 Quantity: 73500.000 KG

Property	Test Method	Specification	Value	Unit
Tert-Dodecyl Mercaptan	CPCHEM GC	>= 98.5	98.7	WT%
Mercaptan Sulfur	CPCHEM Titration	15.70 - 16.00	15.88	WT%
Distillation, IBP	ASTM D1078		227.3	°C
Distillation 5%	ASTM D1078		231.7	°C
Distillation 95%	ASTM D1078		245.4	°C
Color, APHA	ASTM D5386	<= 15	7	APHA
Color, delta E	ASTM E308	<= 0.70	0.29	dE
Specific gravity (15,6°C)	ASTM D4052		0.861	
Appearance	CPCHEM Visual	Clear with no particulate matter	Clear with no particulate matter	



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Batch Number: 22HTTDM07 Quantity: 25200.000 KG

Property	Test Method	Specification	Value	Unit
Tert-Dodecyl Mercaptan	CPCHEM GC	>= 98.5	98.6	WT%
Mercaptan Sulfur	CPCHEM Titration	15.70 - 16.00	15.92	WT%
Distillation, IBP	ASTM D1078		228.8	°C
Distillation 5%	ASTM D1078		232.5	°C
Distillation 95%	ASTM D1078		244.1	°C
Color, APHA	ASTM D5386	<= 15	5	APHA
Color, delta E	ASTM E308	<= 0.70	0.25	dE
Specific gravity (15,6°C)	ASTM D4052		0.861	
Appearance	CPCHEM Visual	Clear with no particulate matter	Clear with no particulate matter	

The data set forth herein have been carefully compiled by Chevron Phillips Chemicals International N.V. However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

Quality Supervisor
Hector Novoa de Armas
For CoA questions contact Customer Service.