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Certificate of Analysis

Our Ref. : NLRDMJ24201249-002

Date of Sampling : 17-Apr-2024

Product : Acetone

Sample Analysed : 18-Apr-2024

Asset : INDIGO RAY

Seals : None

Terminal : Rubis Terminal, Rotterdam, Netherlands

Running samples ex shore tank 611 after discharge				
NLRDMJ24201249-002				Specification
Test	Method	Unit	Result	Min - Max
Color	ASTM D5386	Pt-Co	4	5 Max
Water Content	ASTM D1364	% (m/m)	0.152	0.3 Max
Permanganate Time at 25°C	ASTM D1363	Minutes	>120	120 Min
Specific Gravity 20/20°C	ASTM D4052	-	0.7917	0.791 - 0.793
Appearance	Appearance	-	Clear and Free of suspended matter	Clear and Free
Distillation at 760mm Hg	ASTM D1078	-	-	
Initial Boiling Point	ASTM D1078	°C	55.9	55 Min
Dry Point	ASTM D1078	°C	56.2	57 Max
Distillation Range	ASTM D1078	°C	0.3	
Hydrocarbons	ASTM D1722	-	Pass	Pass
Nonvolatile Matter	ASTM D1353 (mod.)	% (m/m)	<0.0001	0.001 Max
Purity of Acetone, Dry Basis	BV GC 016	% (m/m)	99.96	99.9 Min
Purity of Acetone, Wet Basis	BV GC 016	% (m/m)	99.81	99.5 Min
Diacetone Alcohol	BV GC 016	mg/kg	19	
Methanol	BV GC 016	mg/kg	245	
Mesityl Oxide	BV GC 016	mg/kg	<1	
Cumene	BV GC 016	mg/kg	<1	
Benzene	BV GC 016	mg/kg	<1	
Ethanol	BV GC 016	mg/kg	<25	50 Max
Methyl Ethyl Ketone (MEK)	BV GC 016	mg/kg	<5	
Aldehydes in Acetone	ISO 15303	mg/kg	<50	
Acetaldehyde	ISO 15303	mg/kg	<5	
Propionaldehyde	ISO 15303	mg/kg	<5	
Organic Solvents	ISO 15303	mg/kg	<50	
Acidity as Acetic Acid	ASTM D1613	% (m/m)	0.0009	0.002 Max
Sulfur Content (Liquid Method)	ASTM D5453	mg/kg	<1	50 Max
Chlorides	Titrimetric	mg/kg	<0.1	

Remarks

AUTHORIZED SIGNATURE

N° Lot :

0000563665