Laboratory Rallis India Limited, Plot No. Z-110, Dahej SEZ Part-II, P.O. Lakhigam,

Taluka : Vagra, Dist. Bharuch, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

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Validity 09.03.2018 to 08.03.2020 Last Amended on 22.03.2018

SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are	Range of Testing / Limits of Detection	
	0 00.		performed		

CHEMICAL TESTING

PESTICIDES			
Pesticide – Pendimethalin	Appearance	IS 12685:1989	Qualitative (Visual Observation)
Technical	Purity	SOP/QA/36, Issue no. 01 Dated 22/02/2012 (GC Method)	90% to 100%
	Acidity	IS 6940:1982 (Method 11.3)	0.001% to 0.5%
	Acetone Insoluble	IS 6940:1982 (Method 9.0)	0.001% to 1.0%
	Moisture content	IS 2362-1993	0.001% to 1.0%
	Melting Point	IS 6940:1982 (Method 6.0)	52°C to 56°C
Pesticide – Metribuzin	Appearance	IS 13332:1992	Qualitative (Visual Observation)
Technical	Purity	SOP/QA/37, Issue no. 01 Dated 22/02/2012 (GC Method)	90.0% to 100%
	Acidity	IS 6940:1982 (Method 11.3)	0.01%to 0.5%
	Acetone Insoluble	IS 6940:1982 (Method 9.0)	0.001% to 1.0%
	Moisture content	IS 2362-1993	0.01% to 1.0%
	Melting Point	IS 6940:1982 (Method 6.0)	122°C to 126°C
Pesticide – Pendimethalin	Appearance	IS 12751:1989	Qualitative (Visual Observation)
30% EC	Purity	SOP/QA/36, Issue no. 01 Dated 07/01/2013 (GC Method)	25% to 55%
	Acidity	IS 6940:1982 (Method 11.3)	0.001% to 0.5%
	Specific Gravity	IS 6940:1982 (Method 5.0)	0.85 to 1.30
	Emulsion Stability	IS 6940:1982 (Method 13.3)	0 to 4 ml
	Flash Point	IS 1448 [Part-20] - 1960	20 °C to 70 °C
	Cold Test	IS 6940:1982 (Method 13.1)	Qualitative
	Pesticide – Pendimethalin Technical Pesticide – Metribuzin Technical Pesticide – Pendimethalin	Pesticide – Pendimethalin Technical Purity Acidity Acetone Insoluble Moisture content Melting Point Appearance Pertibuzin Technical Purity Acidity Acetone Insoluble Moisture content Melting Point Acetone Insoluble Moisture content Melting Point Acetone Insoluble Moisture content Melting Point Pesticide – Pendimethalin 30% EC Purity Acidity Specific Gravity Emulsion Stability Flash Point	Pesticide - Pendimethalin Technical Purity SOP/QA/36, Issue no. 01 Dated 22/02/2012 (GC Method) Acidity IS 6940:1982 (Method 11.3) Acetone Insoluble IS 6940:1982 (Method 9.0) Melting Point IS 6940:1982 (Method 6.0) Pesticide - Metribuzin Purity SOP/QA/37, Issue no. 01 Dated 22/02/2012 (GC Method) Acidity IS 6940:1982 (Method 11.3) Acetone Insoluble IS 6940:1982 (Method 11.3) Acetone Insoluble IS 6940:1982 (Method 11.3) Acetone Insoluble IS 6940:1982 (Method 9.0) Moisture content IS 2362-1993 Melting Point IS 6940:1982 (Method 6.0) Pesticide - Pendimethalin Appearance IS 12751:1989 SOP/QA/36, Issue no. 01 Dated 07/01/2013 (GC Method) Acidity IS 6940:1982 (Method 11.3) Sepecific Gravity IS 6940:1982 (Method 5.0) Emulsion Stability IS 6940:1982 (Method 13.3) Flash Point IS 1448 [Part-20] - 1960

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SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Pesticide – Pendimethalin 33% EC	Appearance	IS 12751:1989	Qualitative (Visual Observation)
		Purity	SOP/QA/36,Issue no. 01 Dated 08/01/2013 (GC Method)	25% to 55%
		Acidity	IS 6940:1982 (Method 11.3)	0.001% to 0.5%
		Specific Gravity	IS 6940:1982 (Method 5.0)	0.85 to 1.30
i.		Emulsion Stability	IS 6940:1982 (Method 13.3)	0 to 4 ml
		Flash Point	IS 1448 [Part-20] - 1960	20 °C to 70 °C
		Cold Test	IS 6940:1982 (Method 13.1)	Qualitative
5.	Pesticide – Pendimethalin 43.5% EC	Appearance	IS 12751:1989	Qualitative (Visual Observation)
		Purity	SOP/QA/36,Issue no. 01 Dated 09/01/2013 (GC Method)	25°C to 55°C
		Acidity	IS 6940:1982 (Method 11.3)	0.001 % to 0.5 %
		Specific Gravity	IS 6940:1982 (Method 5.0)	0.85 to 1.30
		Emulsion Stability	IS 6940:1982 (Method 13.3)	0 to 4 ml
		Flash Point	IS 1448 [Part-20] - 1960	20°C to 70 °C
		Cold Test	IS 6940:1982 (Method 13.1)	Qualitative
6.	Pesticide – Pendimethalin	Appearance	IS 12751:1989	Qualitative (Visual Observation)
	50% EC	Purity	SOP/QA/36, Issue no. 01 Dated 09/01/2013 (GC Method)	25% to 55%
		Acidity	IS 6940:1982 (Method 11.3)	0.001% to 0.5%
		Specific Gravity	IS 6940:1982 (Method 5.0)	0.85 to 1.30
		Emulsion Stability	IS 6940:1982 (Method 13.3)	0 to 4 ml
		Flash Point	IS 1448 [Part-20] - 1960	20°C to 70 °C
		Cold Test	IS 6940:1982 (Method 13.1)	Qualitative
7.	Pesticide – Hexaconazole Technical	Appearance	IS 14549 : 1998	Qualitative (Visual Observation)

Ruchi Guntuku Convenor

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SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Purity	SOP/QA/56,Issue no. 01 Dated 10/08/2015 (HPLC Method)	90% to 100%
		Acidity	IS 6940:1982 (Method 11.3)	0.001% to 0.5%
		Acetone Insoluble	IS 6940:1982 (Method 9.0)	0.001% to 1.0%
		Moisture content	IS 2362-1993	0.001% to 1.0%

Ruchi Guntuku Convenor