



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

704 & 813, Sakar-5, Nr. Mithakhali Railway Crossing, Off Ashram Road, Ahmedabad - 380 009. Tel/Fax : (079) 26583525

Report No. : AC/AIR/15-16/050

Date : 13-04-2015

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 11-04-2015
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 00 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set.	FUEL USED : LDO.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	213.00
Stack gas velocity (m./sec.)	5.40
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.54
Wt. of PM collected (mg.)	28.54

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	52.85	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		21.40	100 ppm
Nitrogen Di-oxide (NO ₂)		5.75	50 ppm

Note : NTP conditions have been taken as 25 Deg. C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(Authorised Signatory)



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SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 40 PM
SAMPLING LOCATION	: Stack attached to 650 KVA DG set.	FUEL USED : LDO.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	198.00
Stack gas velocity (m./sec.)	4.95
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.52
Wt. of PM collected (mg.)	25.82

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	49.65	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		23.80	100 ppm
Nitrogen Di-oxide (NO ₂)		6.10	50 ppm

Note : NTP conditions have been taken as 25 Deg. C & 760 mm of Hg atmospheric pressure.

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Report No. : AC/AIR/15-16/261

Date : 07-07-2015

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-07-2015
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 15 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set.	FUEL USED : LDO.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	222.00
Stack gas velocity (m./sec.)	5.58
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.60
Wt. of PM collected (mg.)	32.71

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	54.52	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		26.80	100 ppm
Nitrogen Di-oxide (NO ₂)		6.25	50 ppm

Note : NTP conditions have been taken as 25 Deg. C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(Authorised Signatory)



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Report No. : AC/AIR/15-16/262

Date : 07-07-2015

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-07-2015
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 50 PM
SAMPLING LOCATION	: Stack attached to 650 KVA DG set.	FUEL USED : LDO.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	191.00
Stack gas velocity (m./sec.)	4.85
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.56
Wt. of PM collected (mg.)	26.29

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	46.95	---	150 mg/Nm³
Sulphur Di-oxide (SO₂)		20.85	100 ppm
Nitrogen Di-oxide (NO₂)		5.98	50 ppm

Note : NTP conditions have been taken as 25 Deg. C & 760 mm of Hg atmospheric pressure.

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