

## CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY

of SDFCL Mfg.Unit No.2

Survey No.299,Poicha(R),-391 780, Taluka : Savli, District : Vadodara , Gujarat  
 NABL ACCREDITED T-3669 ISO/IEC 17025 : 2005 For Chemical (Fine Chemical)

<b>LAB ID.</b>	: RM/1920/05090	<b>CERTIFICATE NO.</b>	: 160519/07
<b>NAME OF PRODUCT:</b>	: BENZENE AR (Crystallizable)		
<b>BATCH NO.</b>	: E19A/0719/1605/31		
<b>PRODUCT CODE</b>	: 20051	<b>SPECIFICATION REF.:</b>	: 20051SP00
<b>MFG. DATE</b>	: MAY.-2019	<b>REASSESSMENT DATE:</b>	: APR.-2024

CASR NO. (71-43-2)

C<sub>6</sub>H<sub>6</sub>

M. W. : 78.11

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear colourless liquid with a characteristic odour.	Complies	Ph Eur 6.0 <sup>th</sup> edition
*Solubility	Miscible with absolute industrial methylated spirit forming clear & colourless solution.	Complies	Ph Eur 6.0 <sup>th</sup> edition
*Minimum Assay (GC)	99.7%	99.97%	In house development
*Wt.per ml at 20°C	0.877 - 0.878 g	0.878 g	Ph Eur 6.0 <sup>th</sup> edition
*Freezing point	Not below 5.2°C	6°C	ACS 10 <sup>th</sup> edition
*Boiling Range (79.5-80.5°)	Min. 95.0%	96%	Ph Eur 6.0 <sup>th</sup> edition
*Refractive Index	1.499 - 1.501	1.501	Ph Eur 6.0 <sup>th</sup> edition
<b>MAXIMUM LIMITS OF IMPURITIES:</b>			
*Non volatile matter	0.001%	0.0007%	ACS 10 <sup>th</sup> edition
*Water	0.05%	0.028%	Ph Eur 6.0 <sup>th</sup> edition
*Acidity	0.012 ml N%	0.006 ml N%	ACS 10 <sup>th</sup> edition
*Alkalinity	0.012 ml N%	NIL	ACS 10 <sup>th</sup> edition
*Copper (Cu)	0.00002%	0.000001%	Vogel's fifth edition Quantitative chemical analysis
*Iron (Fe)	0.00005%	0.00002%	Vogel's fifth edition Quantitative chemical analysis
*Lead (Pb)	0.00002%	<0.00002%	ACS 2000
*Organic impurities	Passes acid wash test	Complies	In house development

.....END OF REPORT.....

(This is a computer printed report hence valid without signature)



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*Sulphur compounds (CS <sub>2</sub> )	0.0003%	<0.0003%	In house development
*Thiophen(C <sub>4</sub> H <sub>4</sub> S)	0.0002%	<0.0002%	In house development

“The tests marked with an \* are not accredited by NABL (ISO/IEC 17025:2005)”.

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS ABOVE.

Measured values given in this Certificate of Analysis are the results determined at the time of Analysis. The above data do not relieve the user from analyzing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use cannot be derived thereof.

**The result relate only to the sample tested.**

**This certificate shall not be reproduced except in full,without written consent of the Lab.management.**

**This product is manufactured at our manufacturing unit no. 2 (Poicha)**

Sampling SOP No. : SDFCL-POI-SOP-001

Sampling Plan : A (Sq. root of N+1)

Spl.Ref. (if any) : -

For S D FINE-CHEM LIMITED

(Authorised Signatory)

.....END OF REPORT.....

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SDFCL-MSF-5.10-01-01 ver- 01

QUALITY CONTROL LABORATORY

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Manufacturing Unit No.1:E27/E28,MIDC,Tarapur Industrial Area, B-Road, Boisar-401 506,Dist: Thane  
Manufacturing Unit No.2: Survey No. 299, Poicha-391 780, Taluka Savli, Dist: Baroda(Vadodara)