

### CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2  
 Survey No.299, Poicha(R), -391780, Taluka : Savli, District : Vadodara , Gujarat  
 NABL ACCREDITED TC-6881 ISO/IEC 17025 : 2017 For Chemical Testing

<b>LAB ID.</b>	: RM/1920/02156	<b>CERTIFICATE NO.</b>	: 250220/14
<b>NAME OF PRODUCT</b>	: ANILINE AR, ACS		
<b>BATCH NO.</b>	: K201/1420/2502/31		
<b>PRODUCT CODE</b>	: 20041	<b>SPECIFICATION REF.:</b>	: 37508SP03
<b>MFG. DATE</b>	: NOV.-2020	<b>REASSESSMENT DATE:</b>	: OCT.-2025

**CASR NO. (62-53-3)**  
 $C_6H_5NH_2$  **M. W. : 93.13**

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear pale yellow to reddish brown Colour oily liquid.	Complies	Ph Eur 6.0 <sup>th</sup> edition
*Colour(Apha)	250 Max.	<250 Apha	In house development
*Solubility	In water 3.5%, miscible with ethanol, benzene, chloroform.	Complies	Ph Eur 6.0 <sup>th</sup> edition
*Minimum Assay (By GC, Area%)	99.5%	99.97%	In house development
*Wt.per ml at 20°C	1.021 - 1.023 g	1.023 g	Ph Eur 6.0 <sup>th</sup> edition
*Boiling range(182–184°C)	95%	96%	Ph Eur 6.0 <sup>th</sup> edition
<b>MAXIMUM LIMITS OF IMPURITIES :</b>			
*Water (By KF)	0.1%	0.021%	Ph Eur 6.0 <sup>th</sup> edition
*Loss on ignition	0.005%	0.004%	ACS 10 <sup>th</sup> edition
*Hydrocarbons	Passes test	Complies	In house development
*Nitrobenzene (C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> )	0.0002%	NIL	In house development
*Copper (Cu)	0.00005%	0.00003%	Vogel's fifth edition Quantitative chemical analysis
*Iron (Fe)	0.0001%	0.00004%	Vogel's fifth edition Quantitative chemical analysis
*Lead (Pb)	0.00005%	<0.00005%	ACS 2000
*Chlorobenzene(C <sub>6</sub> H <sub>5</sub> CL) (By GC,Area%)	0.01%	<0.01%	In house development

“The tests marked with an \* are not accredited by NABL (ISO/IEC 17025:2017)”.

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

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

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



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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**

**For S D FINE-CHEM LIMITED**

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

**Spl.Ref. (if any) : -**

**(Authorized Signatory)**

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

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