



Life Chemicals Group  
L.C.G

شركة لايف كيميكالز جروب

للاستيراد والتصدير

شركة مساهمة مصرية

ملف ضريبي ٥٥٥-٥-٠٠٣٢٤-١٩١-٠٠-٠٠

مركز كبار المولين

ت ضريبة القيمة المضافة ٤٠١-٦٤٨-٠٨٧

### Certificate of Quality

Grade:	Acetic Acid
Date:	Oct 2023

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the results below. Users of the data shown on this report should refer to the latest published revisions of ASTM D3244; IP 367 and ISO 4259 and when utilising the test data to determine conformance with any specification or process requirement. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at [www.sgs.com](http://www.sgs.com)). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory.

Sample No:	1	Source ID:	Shore Tank No. AEGIS 143		
Sample Source:	Shore Tank	Sampled By:	SGS - KANDLA		
Sample Type:	Before Loading	Registered:	14 - Oct - 2023		
Sampled:	14 - Oct - 2023	Completed:	15 - Oct - 2023		
Analysed:	15 - Oct - 2023				
PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Appearance	ASTME2680	Clear & Bright	-	-	Clear & Bright
Density at 20°C	ASTMD4052	1.0493	g/ml	1.048	1.051
Colour	ASTMD5386	4	Pt/Co Colour	-	10
Water Content	ASTME203	0.080	% (m/m)	-	0.15
Purity, Acetic Acid	IS 695-20	99.86	% (m/m)	99.85	-
Crystallization Point	IS 695-20	16.4	°C	16.35	-
Residue on evaporation	IS 695-20	0.00100	% (m/m)	-	0.003
Chloride	IS 695-20	<1	ppm	-	1
Sulphate	IS 695-20	<1	ppm	-	1
Heavy Metals (as Pb)	IS 695-20	<1	ppm	-	0.5
Formic Acid	IS 695-20	0.0110	% (m/m)	-	0.05
Acetaldehyde	IS 695-20	0.0038	% (m/m)	-	0.02
Oxidizable impurities	IS 695-20	Pass	-	-	-
** End of Analytical Results **					

#### Remarks :

Note 1 : Heavy metal, detection limit 1 ppm (mg/kg), whereas the specified limit is 0.5 ppm max.

Head office: 27 El Hegaz St. - Heliopolis Cairo - Egypt

Tel.: +202 24549350 ( 5 Lines )

Fax: +202 24549377

Web Site: [www.lifecheme.com](http://www.lifecheme.com)

