

CERTIFICATE OF ANALYSIS

PRODUCT NAME	ACETIC ACID
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PROPERTY	METHOD	RESULT UNITS	MIN	MAX
Appearance	ASTM E2680-16	Pass ---	--	--
Platinum Cobalt Colour	ASTM D1209-05 (2019)	5 Pt/Co Colour	--	10
Water Content by Coulmetric KF	ASTM E1064-16	0.099 % (m/m)	--	0.15
Freezing Point acc. ASTM D1493 (withdrawn)	ASTM E302-95 (Withdrawn2001)	16.35 °C	16.3	--
Purity	ASTM E302-95 (Withdrawn2001)	99.85 % (m/m)	99.8	--
Formic Acid	ASTM D3546-05 (2019)	0.009 % (m/m)	--	0.05
Acetaldehyde Content	ASTM D2191-06(2012) (Withdrawn2021)	0.002 % (m/m)	--	0.05
Nonvolatile Matter	ASTM D1353-13	<0.001 % (m/m)	--	0.01
Permanganate Time	GB/T 1628-2020	>60 min	60	--
Relative Density (SG) at 20/20 °C	ASTM D4052-18a	1.051 ---	1.048	1.053
Iron Content	ASTM E394-15	0.000010 % (m/m)	--	0.00004
Chloride Content	SGS-CNO-M-001(In House)	<1 mg/kg	--	1
Heavy Metals Content as Pb	GB/T 7532-2008	<1 mg/kg	--	1
Sulphate	GB/ T 9728-2007	<1 mg/kg	--	1
Propionic Acid	SGS-CNO-M-GC009(In House)	0.048 % (m/m)	--	0.05