

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	LEVULINIC ACID	<b>Batch No.</b>	JL20240514
<b>Cas</b>	123-76-2	<b>MF Date</b>	MAY.14,2024
<b>Packing</b>	25kg/drum	<b>Analysis Date</b>	MAY.14,2024
<b>ITEM</b>	<b>STANDARD</b>	<b>RESULT</b>	
<b>Appearance</b>	Colourless to light yellow transparent liquid or crystal	Qualified	
<b>Color (Gardner)</b>	$\leq 2$	$< 2$	
<b>Content (%)</b>	$\geq 99.00$	99.24	
<b>Moisture (%)</b>	$\leq 1.00$	0.37	
<b>Heavy metal (PPM)</b>	$\leq 10$	$< 10$	
<b>Fe (PPM)</b>	$\leq 10$	$< 10$	
<b>Sulfate (PPM)</b>	$\leq 20$	$< 10$	
<b>Cl (PPM)</b>	$\leq 20$	$< 20$	
<b>Conclusion</b>	<b>Qualified</b>		

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