

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Polyhexamethylene Biguanide Hydrochloride	<b>Batch No.</b>	JL20240911
<b>CAS</b>	27083-27-8	<b>MF Date</b>	SEP.11,2024
<b>Packing</b>	25KG/DRUM	<b>Analysis Date</b>	SEP.11,2024
<b>Quantity</b>	3000kg	<b>Expiry Date</b>	SEP.10,2025
<b>ITEM</b>	<b>STANDARD</b>	<b>RESULT</b>	
<b>Appearances</b>	Colourless or light yellow liquid	Colourless liquid	
<b>Solids content %</b>	$\geq 20.00$	20.58	
<b>Odor</b>	Odorless	Odorless	
<b>Turbidity</b>	$\leq 10$	0.10	
<b>Ingredients</b>	PHMB	PHMB	
<b>Density (g/mL)</b>	1.040-1.050	1.042	
<b>PH Value</b>	4.0-6.0	4.72	
<b>Absorption (1%237nm)</b>	$\geq 400$	501	
<b>Absorption (237nm/222nm)</b>	1.2-1.6	1.54	
<b>Conclusion</b>	Superior grade		

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