

## Certificate of Analysis

<b>Product name</b>	<i>Bismuth Subgallate</i>	<b>Batch No.</b>	10724053
<b>CAS.No.</b>	99-26-3	<b>Package</b>	25.00kg/drum
<b>M.F.</b>	$C_7H_5BiO_6$	<b>MFG date</b>	Dec. 18, 2024
<b>N.W.</b>	25.00kg	<b>Analysis date</b>	Dec. 18, 2024
<b>G.W.</b>	27.00kg	<b>Retest date</b>	Dec. 17, 2026

Items	Specification	Testing Results
Characteristics	Amomphous bright yellow powder. Odorless and tasteless.	Conforms
Solubility	Stable in air, but is affected by light. Dissolves readily with decomposition in warm, moderately dilute hydrochloric, nitric, or sulfuric acid; readily dissolved by solutions of alkali hydroxides, forming a clear, yellow liquid that rapidly assumes a deep red color. Practically insoluble in water, in alcohol, in chloroform and in ether, insoluble in very dilute mineral acides.	Conforms
Loss on drying, %	$\leq 7.00$	5.60
Limit of Nitrate	Accord with require	Conforms
Arsenic	$\leq 0.0075\%$	Conforms
Copper	$\leq 0.005\%$	Conforms
Lead	$\leq 0.002\%$	Conforms
Silver	$\leq 0.0025\%$	Conforms
Alkalies & Alkaline earth, %	$\leq 0.50$	0.3
Free gallic acid	$\leq 5mg$	3mg
Content ( $Bi_2O_3$ ), %	48.00 ~ 51.00	50.60

<b>Prepared by</b>	<i>Dong Mei</i>	<b>Checked by</b>	<i>Wang Tianyi</i>	<b>Approved by</b>	<i>Liu Wu</i>
<b>Conclusion</b>	<i>The Quality of the above said is in conformity with <b>Enterprise Standard</b>.</i>				
<b>Storage</b>	<i>Stored in dry and ventilation place, far from heat and water.</i>				
<b>COA Issuer</b>	<i>Quality Control Team-Technology Department of Hefei TNJ Chemical Industry Co.,Ltd.</i>				

