



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>TES BUFFER 99% FOR BIOCHEMISTRY</b>
<b>Cas No.</b>	<b>7365-44-8</b>
<b>Code No.</b>	<b>B-02628</b>
<b>Batch No.</b>	<b>BC10241674</b>
<b>Mfg.Date</b>	<b>NOV-2024</b>
<b>Date of Analysis</b>	<b>18/11/2024</b>
<b>Retest Date</b>	<b>DEC-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
<b>Appearance</b>	White powder	White powder
<b>Assay (alkalimetric)</b>	Min 99%	99.10%
<b>Identity (IR)</b>	Passes test	Passes test
<b>UV absorbance (at 250 nm; 5%; 1 cm; water)</b>	Max 0.05	0.042
<b>Chloride (Cl)</b>	Max 0.02%	0.004%
<b>Sulphate (SO4)</b>	Max 0.005%	0.0030%
<b>Heavy metal (as Pb)</b>	Max 0.0005%	0.000011%
<b>Sodium (Na)</b>	Max 0.005%	0.0019%
<b>Loss on drying (at 105°C)</b>	Max 0.01%	<0.01%
<b>Biological buffer, pKa at 20°C</b>	7.50	7.50

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)