



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>BES BUFFER 99% FOR BIOCHEMISTRY</b>
<b>Code No.</b>	<b>:</b>	<b>00409</b>
<b>Batch No.</b>	<b>:</b>	<b>PC03233001</b>
<b>Mfg. Date</b>	<b>:</b>	<b>MAR-2023</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>25/03/2023</b>
<b>Retest Date</b>	<b>:</b>	<b>FEB-2028</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay (alkalimetric)	Min 99.0%	99.92%
Identity (IR)	Passes test	Passes
UV absorbance (at 250 nm; 5%; 1 cm; water)	Max 0.05%	0.031%
Chloride (Cl)	Max 0.005%	0.002%
Sulphate (SO <sub>4</sub> )	Max 0.005%	0.0016%
Heavy metal (as Pb)	Max 0.0005%	0.00027%
Sodium (Na)	Max 0.01%	0.001%
Loss on drying (at 105°C)	Max 0.5%	0.29%
Biological buffer, pKa at 20°C	7.15	7.15

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

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

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)