



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>BENZOIC ACID 99.5% EXTRAPURE</b>
<b>Code No.</b>	:	<b>00378</b>
<b>Batch No.</b>	:	<b>PC08220627</b>
<b>Mfg. Date</b>	:	<b>AUG-2022</b>
<b>Date Of Analysis</b>	:	<b>12/08/2022</b>
<b>Retest Date</b>	:	<b>JULY-2027</b>

TEST	SPECIFICATION	RESULT
Appearance	A white, crystalline powder or colourless crystals	A white, crystalline powder
Assay (alkalimetric)	99.0-100.5%	99.85%
Solubility	Slightly soluble in water; soluble in boiling water, freely soluble in alcohol, in chloroform, and in ether, fatty oils.	Complies
Identifications (as per IP, BP, USP)	To comply the tests	Complies
Melting point	121 -123°C	122.3°C
Appearance of solution	To comply IP, BP test	Complies
Readily carbonisable substance	To comply IP, BP, USP test	Complies
Readily oxidisable substance	To comply IP, BP, USP test	Complies
Halogenated compounds and halides	Max 0.03%(complies IP test)	0.025%
Cinnamic acid	To comply IP test	Complies
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Arsenic (As)	Max 0.0002%	Less than 0.0002%
Sulphated ash	Max 0.1%	Less than 0.1%
Residue on ignition	Max 0.05%	0.019%
Water (H <sub>2</sub> O)	Max 0.7%	0.28%

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)