



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>: BENZOIC ACID (FOR SYNTHESIS)</b>
<b>Code No.</b>	<b>: 00378</b>
<b>Batch No.</b>	<b>: PC/0387/19-2</b>
<b>Mfg. Date</b>	<b>: AUGUST -2019</b>
<b>Date Of Analysis</b>	<b>: 03/08/2019</b>
<b>Retest Date</b>	<b>: JULY - 2024</b>

TEST	SPECIFICATION	RESULT
Appearance	A white, crystalline powder or colourless crystals	<b>A White crystalline powder</b>
Assay (alkalimetric)	99%-100.5%	<b>99.51%</b>
Solubility	Slightly soluble in water; soluble in boiling water, freely soluble in alcohol, in chloroform, and in ether, fatty oils.	<b>Slightly soluble in water; soluble in boiling water, freely soluble in alcohol, in chloroform, and in ether, fatty oils.</b>
Identifications (as per IP, BP, USP)	To comply the tests	<b>Passes test</b>
Melting point	121 -123°C	<b>122 °C</b>
Appearance of solution	To comply IP, BP test	<b>Passes test</b>
Readily carbonisable substance	To comply IP, BP, USP test	<b>Passes test</b>
Readily oxidisable substance	To comply IP, BP, USP test	<b>Passes test</b>
Halogenated compounds and halides	Max 0.03%(complies IP test)	<b>0.0003%</b>
Cinnamic acid	To comply IP test	<b>Passes test</b>
Heavy metal (as Pb)	Max 0.001%	<b>0.00002%</b>
Arsenic (As)	Max 0.0002%	<b>0.00006%</b>
Sulphated ash	Max 0.1%	<b>0.0002%</b>
Residue on ignition	Max 0.05%	<b>0.04%</b>
Water (H <sub>2</sub> O)	Max 0.7%	<b>0.5%</b>

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)