



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>BENZOIC ACID (FOR SYNTHESIS)</b>
<b>Cas No.</b>	<b>65-85-0</b>
<b>Code No.</b>	<b>B-00378</b>
<b>Batch No.</b>	<b>BC11240387</b>
<b>Mfg.Date</b>	<b>NOV-2024</b>
<b>Date of Analysis</b>	<b>30/11/2024</b>
<b>Retest Date</b>	<b>DEC-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	A white, crystalline powder or colourless crystals	Clear colorless liquid
Halogenated compounds and halides	Max 0.03%(complies IP test)	0.0003%
Solubility	Slightly soluble in water; soluble in boiling water, freely soluble in alcohol, in chloroform, and in ether, fatty oils	Slightly soluble in water; soluble in boiling water, freely soluble in alcohol, in chloroform, and in ether, fatty oils
Melting point	Max 0.00001%	0.00001%
Appearance of solution	To comply IP, BP test	Passes test
Readily carbonisable substance	To comply IP, BP, USP test	Passes test
Readily oxidisable substance	To comply IP, BP, USP test	Passes test
Cinnamic acid	To comply IP test	Passes test
Heavy metal (as Pb)	Max 0.001%	0.00002%

Identifications (as per IP, BP, USP)	To comply the tests	Passes test
Assay (alkalimetric)	99%-100.5%	99.51%
Residue on ignition	Max 0.05%	0.04%
Arsenic (As)	Max 0.0002%	0.00006%
Sulphated ash	Max 0.01%	0.0002%
Water (H <sub>2</sub> O)	Max 0.7%	0.5%

BIO-CHEM

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)