



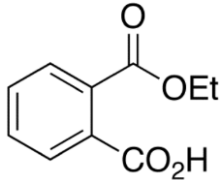
ISO 9001:2015  
Certificate No. : 191011001177

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Phthalic acid Monoethyl Ester

**DATE of Mfg:** Jan 2022

**RETEST DATE:** Feb 2024

<b>Catalogue Number</b>	MYC-002		
<b>Item/Batch Number</b>	KMPS/MYC/07/193		
<b>Quantity</b>	30 mg		
<b>CAS Number</b>	2306-33-4		
<b>Mol. Formula</b>	C <sub>10</sub> H <sub>10</sub> O <sub>4</sub>		
<b>Molecular Wt.</b>	194.18		
<b>Long Term Storage Condition</b>	Store in 2-8 °C.	<b>Handling instruction</b>	Transportation at room temp.
<b>IUPAC Name</b>	2-ethoxycarbonylbenzoic acid		
<b>Synonyms</b>	Ethyl 2-Carboxybenzoate; Phthalic Acid Monoethyl Ester; 1,2-Benzenedicarboxylic Acid Monoethyl Ester; 1,2-Benzenedicarboxylic Acid 1-Ethyl Ester		

Test	Results
<b>Appearance</b>	Off White Low Melting Solid
<b>Identification by 1H NMR</b>	Conforms the structure
<b>Identification by IR</b>	Conforms the structure
<b>Mass (ESI)</b>	Conforms the structure
<b>Solubility</b>	Chloroform (Slightly), Methanol (Slightly)
<b>Purity</b>	92.37% by HPLC
<b>Wt. Loss by TGA</b>	0.65%
<b>% Potency = [100 - (Wt loss by TGA) X HPLC Purity] / 100</b>	91.76%
<b>Release Date</b>	04/02/2022
<b>Attachments</b>	<sup>1</sup> H NMR, IR, MS, TGA and HPLC Purity.

**Note: This material can be used as reference standard and is for research purpose ONLY and not for human consumption**

	Prepared By	Reviewed By	Approved By
Sign			
Name	Anita G	Rithesh M.	Nishma P.
Date	04/02/2022	04/02/2022	04/02/2022