



CERTIFICATE OF ANALYSIS

PRODUCT :- DOP (Di-Octyl Phthalate)
MFG DATE :- 08.07.2023
SHELF. LIFE :- 2 YEAR
BATCH NO :- UC/05/015

Sr. No.	Characteristics	Test Method	Spec.	Result
1	Colour HU (APHA)	ASTM-D-1045-2008	25 HU Max	15
2	Acidity (As Phthalic Acid Wt.%)	ASTM-D-1045-2008	0.01% Max	0.0065
3	Moisture (wt.%)	ASTM-E-203-2008	0.10% Max	0.05
4	Specific Gravity(28°C)	ASTM-D-1045-2008	0.980-0.986	0.983
5	Heat Stability (At 180°C For 2 Hrs.)	ISI-9591-2003	No Change	No Change
6	Volatile Loss (Wt.%) (At 130°C For 3 Hrs)	TM	0.10% Max	0.088
7	Plasticizing Ester By GLC	TM	99.5% Min	99.90
8	Ester Value (mg KOH/gm.)	ASTM-D-1045-2008	284 -289	285.4
9	Refractive Index (27°C)	ASTM-D-1045-2008	1.483-1.489	1.484

Prepared By

Authorized Signatory

Sr. Chemist

Remark:- This COA belongs to storage tank from which above lot was filled.