



CERTIFICATE OF ANALYSIS

PRODUCT :- N-DBP (Di-n-butyl Phthalate)
MFG DATE :- 11.07.2023
SHELF. LIFE :- 2 YEAR
BATCH NO :- UC/05/044

Sr. No.	Characteristics	Test Method	Spec.	Result
1	Colour HU (APHA)	ASTM-D-1045-86	20 HU Max	10
2	Acidity (As Phthalic Acid Wt.%)	ASTM-D-1045-86	0.01% Max	0.0065
3	Moisture (wt.%)	ASTM-E-203	0.10% Max	0.05
4	Specific Gravity(28°C)	ASTM-D-1045-86	0.980-0.986	1.041
5	Heat Stability (At 150°C For 2 Hrs.)	ISI-9591-96	No Change	No Change
6	Volatile Loss (Wt.%) (At 110°C For 2 Hrs)	TM	0.1% Max	0.095
7	Plasticizing Ester By GLC	TM	99.5% Min	99.90
8	Ester Value (mg KOH/gm.)	ASTM-D-1045-86	401 -405	402
9	Refractive Index (27°C)	ASTM-D-1045-86	1.490-1.492	1.491

Prepared By

Authorized Signatory

Sr. Chemist

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