

CERTIFICATE OF ANALYSIS

Product Name	Diesel Exhaust Fluid		
Batch No.	BN013124	Date:	01.12.2024
Mfg. Month	Dec 2024	A.R. No.	REC/113/2024
Expiry Month	Nov 2026	Grade:	IS 17042 (Part 3): 2018, ISO 22241-3: 2017.

SR.	PARAMETER	UNIT	SPECIFICATION	RESULTS	TEST METHOD
1.	UREA CONTENT	% M/M	31.8 – 33.2% by Volume	32.5 (COMPLIED)	AS PER ISO 22241-2(B&C)
2.	DENSITY @20°C	KG/M ³	1.087 -1.093kg/m3	1090.5 (COMPLIED)	AS PER ISO 3675/ISO 12185
3.	REFLECTIVE INDEX	--	1.38138 -1.38360	1.3825 (COMPLIED)	AS PER ISO
4.	TOTAL ALKALINITY	% M/M	0 – 0.2%	0.12 (COMPLIED)	AS PER ISO 22241-2(D)
5.	ALEDEYDE CONTENT	MG/KG	0 – 5 mg/kg	0.5 (COMPLIED)	AS PER ISO 22241-2(F)
6.	BLURTE	MG/KG	0 – 0.3	0.12 (COMPLIED)	AS PER ISO 22242- 2(E)
7.	INSOLUBLE MATTER	MG/KG	0 – 20	5.56 (COMPLIED)	AS PER ISO 22241-2(G)
8.	PHOSPHATE AS (PO) ₄	MG/KG	0 – 0.5	0.12 (COMPLIED)	AS PER ISO 22241-2(H)
9.	CALCIUM	MG/KG	0 – 0.5	0.15 (COMPLIED)	AS PER ISO 22241- 2(I)
10.	IRON	MG/KG	0 – 0.5	0.33 (COMPLIED)	AS PER ISO 22241- 2(I)
11.	COPPER	MG/KG	0 – 0.2	0.10 (COMPLIED)	AS PER ISO 22241- 2(I)
12.	ZINC	MG/KG	0 – 0.2	0.04 (COMPLIED)	AS PER ISO 22241- 2(I)



Authorized By