ZEEL PRODUCT
A-23, Reva Duplex, Behind Bharat Petrol Pump, Near Shyamal Greens, Ankhol, New Waghodia Road, Vadodara, Gujarat 390019, India
Tel: +91 97245 93964, +91 97238 59512 · zeelproduct@gmail.com
ISO 9001:2015 · ISO 14001:2015 · ISO 22000:2018

Certificate of Analysis

ZEELCHEM™ DF — Silicone Defoamer

CERTIFICATE OF ANALYSIS

BATCH NO. ZDF/2611/047	MFG. DATE 05-11-2026	EXPIRY DATE 04-11-2027	COA NO. ZP/COA/DF/2611/047
BATCH SIZE 2,000 kg	PACKING 50 kg HDPE carboy	DATE OF ANALYSIS 06-11-2026	DOCUMENT TYPE Specimen — reference

Test results

Parameter	Test method	Specification	Result
Appearance	Visual	Thick, milky white liquid emulsion	Thick, milky white liquid emulsion
pH (as such, 25 °C)	pH meter	6.0 – 8.0	7.1
Specific gravity (25 °C)	Hydrometer / density cup	0.98 – 1.02	1.00
Viscosity (25 °C), cP	Brookfield LVT, spindle 3, 30 rpm	1,500 – 4,000	2,640
Non-volatile matter (105 °C, 2 h), %	Gravimetric	20.0 – 24.0	21.8
Dilution stability (1:10 in water, 1 h)	Visual	No separation	Complies
Foam knockdown (0.05 %, shake test)	In-house method	≤ 30 s	12 s

Conclusion

✔ CONFORMS

The above batch conforms to all specifications of **ZEELCHEM™ DF** and is approved for dispatch.

Analysed by
Quality Control Chemist

Approved by
QC Manager / Authorised Signatory

Specimen certificate for reference purposes only. Values shown illustrate the format and typical results; an original, signed COA with actual batch results is issued with every consignment.

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