

CERTIFICATE OF ANALYSIS

PRODUCT NAME : Imidacloprid 35% SC (250 ml)
BATCH NO. : 20231222
DATE OF MFG. : Jan. 2024
DATE OF EXP. : Jan. 2027
UNIQUE IDENTIFICATION CODE : SFS/PTL/COA-2417
NAME/ ADDRESS OF THE MANUFACTURER : MODERN INSECTICIDES LTD.
 30-A, SHASTRI NAGAR, ADJ. ARCHIES GALLERY, ISHMEET CHOWK,
 LUDHIANA-141002 (PB). INDIA

DETAILS OF THE TEST COMPONENT & RESULT OF THE ANALYSIS

Sr. No.	Component	Specification	Results
1	Description	The material shall be in the form of off white to white colour liquid	Complies
2	Imidachloprid (a.i.)	35.0± 5 %, w/w of the nominal value	35.18 %, w/w
3	pH of 1% dispersion	6.5 to 8.5	7.2
4	Persistent foam	Max. 25 ml after 1 min	11 ml
5	Suspensibility	A minimum of 70% of the active ingredient found in Suspension after 30 min. in standard water at 30 ± 2°C	78.59%
6	Wet sieve test	Maximum 0.5% of the formulation shall be retained on a 75µm test sieve.	0.29%
7	Pourability	Max. residue 5%	3.29%
8	Storage stability	After storage at 0 ± 2°C for 7 days, the formulation shall continue to comply with clauses for: - Suspensibility and wet sieve test	Complies
9	Stability at elevated temperature	After storage at 54 ± 2°C for 14 days, the determined average active ingredient content must not be lower than 95% relative to the determined average content found before storage	Complies

Remarks: Test material complies with the above given specification.

Signature of Analyst

Signature of Lab Incharge

Note: This certificate of analysis (COA) refers to only the particular sample submitted for the testing. This certificate is not to be produced, except in full, without the permission of the Quality Manager. Results reported were valid at the time of testing. Laboratory Standards are traceable to National Standard.

