

**ALIVIRA ANIMAL HEALTH LIMITED**  
**CERTIFICATE OF ANALYSIS**



ALIVIRA

**LEVAMISOLE HYDROCHLORIDE**

Batch No.	ASA05040SA	Quantity	100.00 kg
Manufacturing Date	April-2025	Retest / Expiry Date	March-2027
A.R.No.	ALIV-FP2-250054	Lot No.	40000083776
Storage Condition	Preserve in well-closed containers. Protected from light. Excursions permitted between 15°C and 30°C.		
Customer Name/Vendor Name	ZUVCHEM		

S.No.	TEST PARAMETERS	SPECIFICATIONS	RESULTS
1	Description	White or almost white, crystalline powder.	White crystalline powder
2	Solubility	Freely soluble in water, soluble in alcohol, slightly soluble in methylene chloride and practically insoluble in ether.	Complies
3	Identification 3.1) by IR	The infrared absorption spectrum is concordant with spectrum obtained from standard	Complies
	3.2)By TLC	The color, size and RF value of the principal spot obtained from the test solution B correspond to those of the principal spot obtained from the Reference solution A obtained in the test for chromatographic purity.	Complies
	3.3)For chlorides	It responds to the test for chlorides.	Complies
4	Melting Range	Between 226°C and 231°C	227.3°C-228.2°C
5	Completeness of solution	Solution should be clear.	Solution is clear
6	Colour of solution	The test solution prepared for the test for completeness of solution is colorless or not more intensely colored than a color matching fluid prepared by mixing 2.5 mL of matching Fluid F with 97.5 mL of 0.12 N Hydrochloric acid.	Complies

	PREPARED BY	REVIEWED BY	APPROVED BY
DESIGNATION	Asst. Manager-QC	Head-QC/Designee	Head-QA/Designee
SIGNATURE	<i>Ravi</i>	<i>[Signature]</i>	<i>[Signature]</i>
DATE	05/06/2025	05/06/2025	06/06/2025

Format No.: QC/116/FMT-001/R2

**Alivira Animal Health Limited**

Regd.Off: 301, 3<sup>rd</sup> Floor, Dosti Pinnacle, Plot No. E7, Road No. 22, Wagle Industrial Estate, Thane (W), Mumbai - 400604 India Tel No.: +91-22-4111-4777  
 Factory: Plot No: 104 to 109, Part of 112 & 113, Ramky Pharma City India Limited-SEZ, JNPC, Parawada Mandal, Anakapalli (District)-531019, A.P., India. Tel.: +9108924-660888 CIN: U74120MH2013PLC248708  
 Website: <http://www.alivira.co> Email Id: [Info@alivira.in](mailto:Info@alivira.in)

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S.No.	TEST PARAMETERS	SPECIFICATIONS	RESULTS
7	Loss on drying	Not more than 0.50% w/w	0.26%w/w
8	Residue on ignition	Not more than 0.10% w/w	0.05%w/w
9	pH	Between 3.0 and 4.5	3.45
10	Light absorption Absorbance at 310 nm	Absorbance value at 310 nm should be not more than 0.20	0.010 AU
11	Specific optical rotation (on dried basis)	Between(-) 121.5° and (-) 128°	(-)126.3°
12	Chromatographic purity by TLC Single impurity Total impurities	Not more than 0.50% Not more than 1.0%	Less than 0.50% Less than 1.0%
13	Assay by Titration (on dried basis)	Not less than 98.5 %w/w and not more than 101.0 %w/w	100.0% w/w
14	Residual solvents by GC Acetone Isopropyl alcohol Dichloromethane Ethylacetate Dimethylsulfoxide Toluene	Not more than 5000 ppm Not more than 5000 ppm Not more than 600 ppm Not more than 5000 ppm Not more than 5000 ppm Not more than 890 ppm	Not detected BDL(LOD:50.3ppm) Not detected Not detected Not detected 138 ppm

**Remarks: The above batch complies as per USP/IH Specifications.**

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DESIGNATION	Asst. Manager-QC	Head-QC/Designee	Head-QA/Designee
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