



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

**DICLAZURIL USP**

Batch No.	ASA003095A	Quantity	188.30 Kg
Manufacturing Date	Feb-2022	Retest / Expiry Date	Jan-2025
A.R.No.	ALIV-FP-220066	Lot No.	40000057526
Storage Condition	Preserve in well-closed containers. Store at 25°C, excursion permitted between 15 and 30°C.		
Customer Name	LGM PHARMA,LLC		

S.No.	TEST PARAMETERS	SPECIFICATIONS	RESULTS
1	Description	White to yellow powder	Pale yellow powder
2	Solubility	Sparingly soluble in N,N-Dimethylformamide, Practically insoluble in Water, Alcohol and Methylene chloride	Complies
3	Identification by IR	The infrared absorption spectrum of test sample should be concordant with the spectrum obtained with standard	Complies
4	Loss on drying	Not more than 0.50%	0.14% w/w
5	Residue on ignition	Not more than 0.10%	0.06% w/w
6	<b>Related Substances by HPLC</b> <b>6-Carboxylic acid</b> [(RS)-2-[3,5-Dichloro-4-[(4-Chlorophenyl) Cyanomethyl]Phenyl]-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxylic acid] <b>6-Carboxamide</b> [(RS)-2-[3,5-Dichloro-4-[(4-Chlorophenyl) Cyanomethyl]Phenyl]-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carboxamide]	Not more than 0.50%  Not more than 0.50%	0.20%  0.05%

	PREPARED BY	REVIEWED BY	APPROVED BY
DESIGNATION	Sr.Analyst-L-1-QC	Head-QC	Head-QA
SIGNATURE			
DATE	19/02/2022	19/02/2022	19/02/2022

Format No.: QA/039/FMT-002/R2

**Alivira Animal Health Ltd.**

**Corporate Office:** 301, Dosti Pinnacle, Plot No.22, Wagle Indl. Area, Thane (W)-400 604, India. T +912241114777

**Factory Address:** Plot No.104 to 109, Part of 112 & 113, Ramky Pharma City India Limited –SEZ, JNPC, Parawada Mandal,

Visakhapatnam – 531 019, Andhra Pradesh, India. Email: [info@alivira.in](mailto:info@alivira.in) Web: [www.alivira.co](http://www.alivira.co)

CIN: U74120MH2013PLC248708



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S.No.	TEST PARAMETERS	SPECIFICATIONS	RESULTS
	<b>Ketone</b> [2-[3,5-Dichloro-4-[(4-Chlorobenzoyl)Phenyl]-1,2,4-triazine 3,5(2H, 4H)-dione]	Not more than 0.10%	Not detected
	<b>4-Amino derivative</b> [(RS)-2-[4-Amino-2,6-dichlorophenyl]-2(4-chlorophenyl)acetonitrile]	Not more than 0.50%	Not detected
	<b>Des-cyano derivative</b> [2-[3,5-Dichloro-4-(4-chlorobenzyl)phenyl]-1,2,4-triazine 3,5(2H, 4H)-dione]	Not more than 0.50%	0.06%
	<b>Trichlorodiphenyl acetonitrile</b> [(RS)-2-(4-Chlorophenyl)-2-(2,6-dichlorophenyl)acetonitrile]	Not more than 0.50%	0.06%
	Any other individual impurity	Not more than 0.20%	0.18%
	Total impurities	Not more than 1.5%	0.6%
7	Assay by HPLC on dried basis	97.0% to 101.0%	99.6% w/w
8	Residual solvents by GC		
	Methanol	Not more than 3000 ppm	279 ppm
	Methylene Chloride	Not more than 600 ppm	Not detected
	N,N-Dimethyl formamide	Not more than 880 ppm	Not detected
	Dimethyl sulphoxide	Not more than 5000 ppm	939 ppm

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

	PREPARED BY	REVIEWED BY	APPROVED BY
DESIGNATION	Sr.Analyst-L-1-QC	Head-QC	Head-QA
SIGNATURE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
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