



Vital

Laboratories Pvt. Ltd

Plant-I: Plot No.1416 to 1421,1507/1 & 2 & 1601,Phase III, GIDC Estate Vapi,Dist-Valsad-396195 Gujarat, (INDIA).Phone: +91-260-2424744-48, Fax: +91-260-2430587.

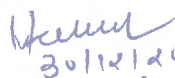


Email : vitallab@vitallab.com, Web: www.vitallab.com

CERTIFICATE OF ANALYSIS

Product	: Mefenamic Acid USP	Page 1 of 1	
License No.	: G/1545	A.R. No.	: FP-1/0260/22
Batch No.	: MEF 122010	Mfg. Date	: Dec-2022
Batch Size	: 2000.000 Kg	Exp. Date	: Nov-2027
Release Batch Qty.	: 1979.000 Kg	CAS No.	: 61-68-7
Date of Receipt	: 08/12/2022	Date of released	: 30/12/2022

Sr.No.	TEST	RESULTS	SPECIFICATION
1.	Description	White crystalline powder	White to off-white, crystalline powder
2.	Melting point	231.3°C	Melts at about 230°C, with decomposition
3.	Solubility	Complies	Soluble in solutions of alkali hydroxides; sparingly soluble in chloroform; slightly soluble in alcohol and in methanol; practically insoluble in water.
4.	Identification		
5.	A. Infrared Absorbance	Complies	The IR spectrum obtained with sample is concordant with that of standard spectrum.
6.	B. By HPLC	Complies	The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.
7.	Loss on Drying at 105°C/4 Hours	0.22%	Not more than 1.0 %
8.	Residue on ignition	0.06%	Not more than 0.1%
9.	Organic Impurities Any impurity Total impurities	Not Detected Not Detected	Not more than 0.07 % Not more than 0.5 %
10.	Assay	100.6%	98.0 % to 102.0 % calculated on Dried basis.
11.	* Particle size (On Malvern) D10 D50 D90	3.43 µm 33.2 µm 137 µm	For Information Only

Remark: The sample **Complies/ Does not Comply** with the prescribed standard of quality as per **USP-42/In House** specification.
*In House

Prepared By: Q.C. Officer/Designee	Checked By: Q.C.Head/Designee	Approved By: Q.A. Head/Designee
Sign/Date:  30/12/2022	Sign/Date:  30/12/2022	Sign/Date:  30/12/2022
Name: Tander Nilesh	Name: Rajesh Manoj	Name: Jignesh Bhandari

Regd. Office: 2nd Floors, Plot no 48, Service Lane, Western Express Highway, Near Hanuman Temple, Vile Parle (East) Mumbai-400 057. State-Maharashtra (INDIA).Phone: +91-22-26136946/ 26183641, Fax: +91-22-261369