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Certificate of Analysis

Product	95907 - Papain 1x USP ex. Papaya Latex, 6000USP U/mg - [9001-73-4]
Batch No	2178232
Analysis Date	21-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellowish white	Yellowish white
Appearance (Form)	Fine powder	Fine powder
Activity	min 6000 USP unit/mg powder	7057.7 USP unit/mg powder
Loss on drying	max. 5%	4.9%
Sulphated Ash	max. 1%	0.18%
Unit Definition	One USP unit of Papain activity is that which releases the equivalent 1 µg of tyrosine from a specified casein substrate under the conditions of the assay, using the enzyme concentration that liberates 40 µg of tyrosine per mL of sample solution.	Conforms
Enzyme solution for activity determination	Prepared in 0.06 M phosphate buffer, pH 6.0.	Conforms

FRM/82/11/4/95907 Rev No. 3 Date 17/09/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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