

CERTIFICATE OF ANALYSIS

Product name	Collagenase II	Batch No.	clg20240102
Manuf. Date	2024-01-18	Expiry Date	2026-01-17
Batch Quantity	180g	Test Standard	Factory standard

Description: Each lot assayed for Collagenase, caseinase, clostripain and tryptic activities. Suggested for epithelial, liver, lung and adrenal primary cell isolations. A dialyzed, lyophilized powder.

Unit definition: One unit liberates one micromole of L-leucine equivalents from collagen in 5 hours at 37 °C, pH7.5

TEST	SPECIFICATIONS	RESULTS
Appearance (color)	Light tan to dark brown	brown
Appearance (form)	Freeze dried powder	Freeze dried powder
u/mg dw collagen	≥ 125 units/ per mg dry weight	255
u/mg dw caseinase	≥ 200 caseinase units per mg dry weight	590
u/mg dw clostripain	≥ 3.5 clostripain units per mg dry weight	6.90
u/mg dw tryptic	≥ 0.10 tryptic units per mg dry weight	0.53
Endotoxin EU/mg dw	Report assay value	3.12
A280@mg/ml	Report assay value	1.56

Storage conditions: Storage conditions: 2 ~8 °C

Conclusion: The product complies with the requirements of Factory standard

Quality Manager:

吴永章

Rechecker:

易法成

Analyst:

刘兴

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