

CHONGQING QUANXINXIANGSHENG
BIO-PHARMACEUTICAL CO.,LTD.

No.8 Industrial Avenue, Wanzhou District
Chongqing City, China

CERTIFICATE OF ANALYSIS

Product Name: Lipase Reference to: USP43
Batch No.: C01230701 Net Weight: 200kg
Mfg. Date: Jul,01,2023 Exp.Date: Jun,30,2025
Source: Aspergillus fungal fermentation Report Date: Oct,16,2023

Testing Items	Specifications	Result
Description	Cream-colored, amorphous powder, having a faint, characteristic, but not offensive odor.	Complies
Protease	≥ 250 USP.u/mg	276.2 USP.u/mg
Amylase	≥ 250 USP.u/mg	259.6 USP.u/mg
Lipase	≥ 60 USP.u/mg	69.5 USP.u/mg
Fat content	$\leq 6.0\%$	1.4%
Loss on drying	$\leq 5.0\%$	2.7%
Residual solvents (Acetone)	≤ 5000 ppm	660 ppm
Total bacteria count	$\leq 10^4$ CFU/g	990 CFU/g
Yeast and moulds	$\leq 10^2$ CFU/g	70 CFU/g
E.coli	Absence	Complies
Salmonellae	Absence	Complies

CONCLUSION: Complies with the USP43 standard

Analysts: 刘发兰 谭松英 熊承英 黄国良 曾爱玲 Checker: 吴元浩 Approver: 刘智惠

