

Certificate of Analysis

Product Information

Product Name: HotStart™ Universal 2X Green qPCR Master Mix	Report No.: K202512003
Cat. No.: K1170	Lot No.: 25004
Manufacturing Date: Dec 22, 2025	Expiration Date: 12 Months
Quality Release Date: Dec 23, 2025	Storage: -20 °C

Analytical Data

Test Items	Quality Specification and Method	Result
Functional Testing	The correlation coefficient $R^2 \geq 0.98$ (qPCR)	Pass
	The slope $k \geq -3.8$ (qPCR)	Pass
	The average C_T value of 10 pg template ≤ 39	Pass
	The average C_T value of no-template controls ≤ 39	Pass
Conclusion	Complies with the given specifications	

Reporter/date: Jackie Wang / Dec 23, 2025 Reviewer/date: Eudora Wei / Dec 23, 2025