

# CERTIFICATE OF ANALYSIS

**Product Name:** UltraPure Mitochondria and Mitochondrial Protein Extraction Kit  
**Cat.No:** BF7478  
**Lot.No:** 70B2102  
**Production Date:** 02/11/2025  
**Expiry Date:** 02/11/2026  
**Storage Temperature:** Stored at 4°C

Parameter	Specification	Result
Visual appearance	Mito Buffer A: colorless, transparent, free of particulates	Conforms
	Mito Buffer B: colorless, transparent, free of particulates	
	Mito Buffer C: colorless, transparent, free of particulates	
	Mito Buffer D: colorless, transparent, free of particulates	
	Mito Buffer E: colorless, transparent, free of particulates	
	Mito Buffer F: colorless, transparent, free of particulates	
	Mito Buffer G: colorless, transparent, free of particulates	
Volume	Janus Green B solution: blue-green, transparent, free of particula	Conforms
	Mito Buffer A: 30ml	
	Mito Buffer B: 30ml	
	Mito Buffer C: 15ml	
	Mito Buffer D: 2.5ml	
	Mito Buffer E: 25ml×2	
	Mito Buffer F: 6ml	
Function test	Mito Buffer G: 3ml	Microscopic examination revealed blue-green stained, rod-shaped or dumbbell-shaped mitochondria, with occasional aggregation due to the high mitochondrial density in liver tissue.
	Janus Green B solution: 1ml	
Function test	Mitochondria extracted from 100 mg of mouse liver tissue using BF7478 were stained with Janus Green solution.	

Quality authorized by:

*Esther Zhang*

**Issue date:** 02/13/2025

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