

**Certificate of Analysis**

Pierce Chemical Co. LLC

Item Number	Lot Number	Item Description		
CRD-KRT-XTR	CRD-KRT-XTR-24186	Brown Powder		
Test	Specification	Result	Pass/Fail	Test Method
Total Alkaloids	10-20% wt.	13.6% wt.	Pass	Acid/Base Titration - Bromothymol Blue
PHS				
Lead (Pb)	< 1 PPM	0 PPM	Pass	Complexometric Titration
Arsenic (As)	< 1 PPM	0 PPM	Pass	Iodometric (Redox) Titration
Cadmium (Cd)	< 1 PPM	0 PPM	Pass	Complexometric Titration
Mercury (Hg)	< 1 PPM	0 PPM	Pass	Complexometric Titration
PHS Microbial				
Total Aerobic Microbial Count	Absent	Absent	Pass	Agar plate test – 37C/24h
Yeasts and Molds	Absent	Absent	Pass	Agar plate test – 37C/24h
Salmonella species	Absent	Absent	Pass	Agar plate test – 37C/24h
Escherichia coli (E. coli)	Absent	Absent	Pass	Agar plate test – 37C/24h

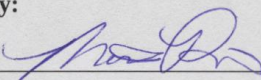
APPEARANCE: Brown Powder**EXPIRATION DATE:** 4-JUL-2025**DATE OF MANUFACTURE:** 4-JUL-2024



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Pierce Chemical Co. LLC

Authorized by:

Signature: 

Name: Matthew Pierce MSPharm, MSFT

Title: Laboratory Director

Date: July, 4th, 2024