



114 Pleasant St  
Southbridge, MA 01550  
(303) 817-7758

Questions? email [info@vernebio.com](mailto:info@vernebio.com)  
<https://www.vernebio.com>

## Certificate of Analysis

### WE-Test Viral Pathogen Testing

**Date:** May 10, 2023

**Order Number:** BrotherGrimm 109-230421

**Sample Received Date:** 2023.04.26

**Testing Date:** 2023.04.27

### Result Summary

Samples Submitted: **16**

Positive Samples: **0**

### Submitted Samples Summary

Verne Test ID	Customer Test ID	Sample Information
Genius Juice XX (1) (supernatant)		
Rosetta 78 XX (2) (supernatant)		
Gluey x Rosetta Stone XX (3) (supernatant)		
Durban Thai X Gluey XX (4) (supernatant)		
Headband 99 XX (5) (supernatant)		
Cinderella Purple XX (6) (supernatant)		
Mac 1 x Cinderella 99 (7) (supernatant)		
Uberwensch XX (8) (supernatant)		
Genius Juice XX (1) (Percipitate)		
Rosetta 78 XX (2) (Percipitate)		
Gluey x Rosetta Stone XX (3) (Percipitate)		



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Durban Thai X Gluey XX (4) (Percipitate)		
Headband 99 XX (5) (Percipitate)		
Cinderella Purple XX (6) (Percipitate)		
Mac 1 x Cinderella 99 (7) (Percipitate)		
Uberwensch XX (8) (Percipitate)		



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### Raw Results

Sample ID	HLV	CCV,AMV,TMV	LCV,ToRsV	RNA I.C.
Rosetta 78 XX (2) (supernatant)	ND	ND	ND	27.96
Gluey x Rosetta Stone XX (3) (supernatant)	ND	ND	ND	25.43
Durban Thai X Gluey XX (4) (supernatant)	ND	ND	ND	26.74
Headband 99 XX (5) (supernatant)	ND	ND	ND	28.4
Cinderella Purple XX (6) (supernatant)	ND	ND	ND	28.16
Mac 1 x Cinderella 99 (7) (supernatant)	ND	ND	ND	27.36
Uberwensch XX (8) (supernatant)	ND	ND	ND	28.71
Genius Juice XX (1) (Percipitate)	ND	ND	ND	13.8
Rosetta 78 XX (2) (Percipitate)	ND	ND	ND	20.97
Gluey x Rosetta Stone XX (3) (Percipitate)	ND	ND	ND	13.12
Durban Thai X Gluey XX (4) (Percipitate)	ND	ND	ND	18.66
Headband 99 XX (5) (Percipitate)	ND	ND	ND	15.33
Cinderella Purple XX (6) (Percipitate)	ND	ND	ND	13.31
Mac 1 x	ND	ND	ND	19.3



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Cinderella 99 (7) (Percipitate)				
Uberwensch XX (8) (Percipitate)	ND	ND	ND	19.01
Positive Controls Pass or Fail:	Pass	Pass	Pass	Pass
Negative Controls	Negative	Negative	Negative	Negative

\*Measurement is in Cycle Threshold

\*\*ND = Not Detected



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## Result Explanation

### Hop Latent Viroid Explanation

Out of **16** samples submitted for HpLVd testing, **0** is positive. Of those **0**, **0** is an active infection, **0** is a new infection or rapidly expanding, and **0** is a latent infection.

