

# Model Evaluation Report

## Model Evaluation Summary

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Model Path: /home/arisenthil/capstone2025\_python/saved\_models/classifier  
Generated: 2025-09-09 15:43:26

### Test Set Performance:

Accuracy: 1.0000

Loss: 0.0031

### Dataset Information:

Number of Classes: 2

Class Names: crushcore 0.75, disbond 0.75

### Training Information:

Total Epochs: 10

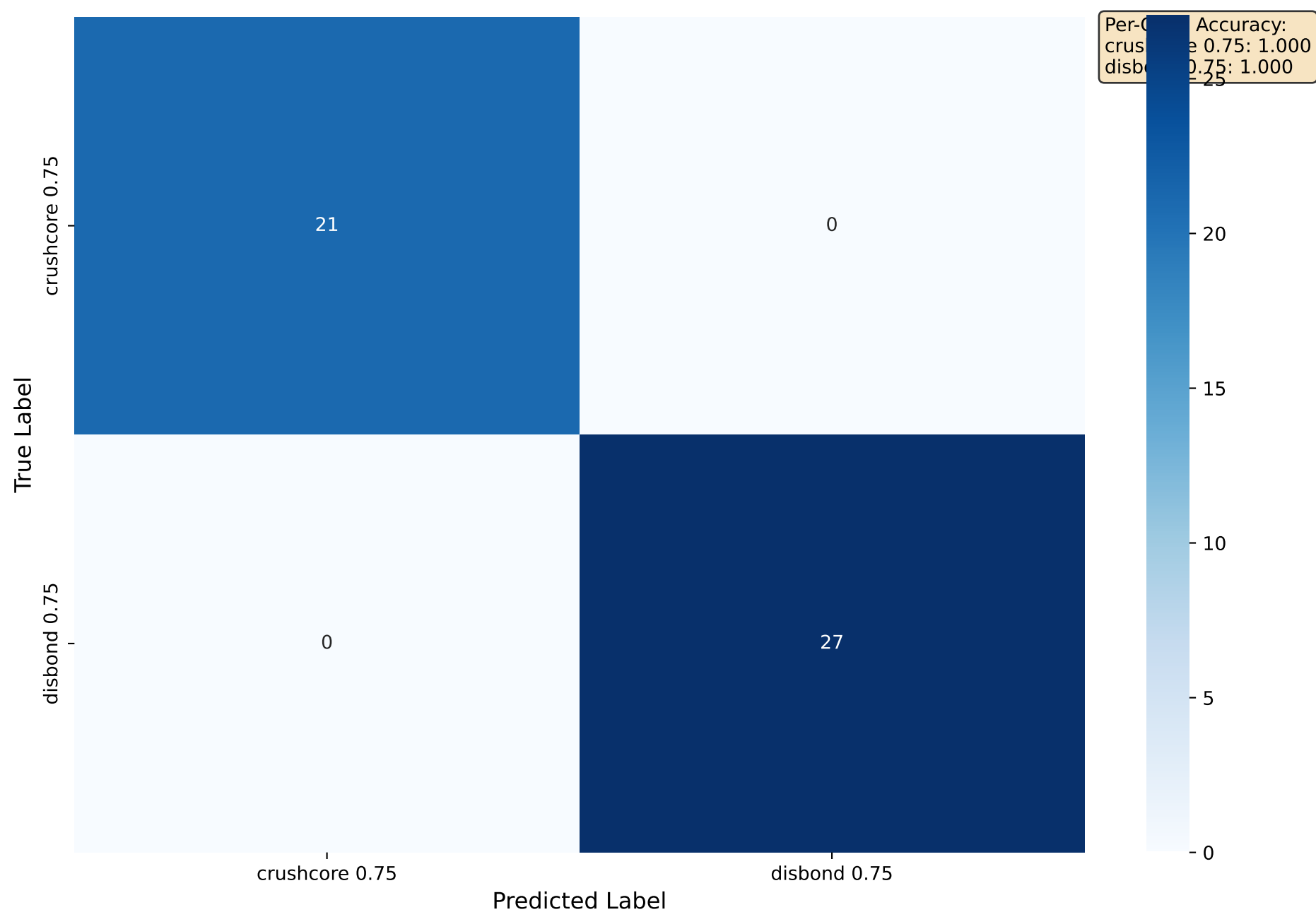
Final Training Loss: 0.0112

Final Validation Loss: 0.0031

Final Training Accuracy: 0.9974

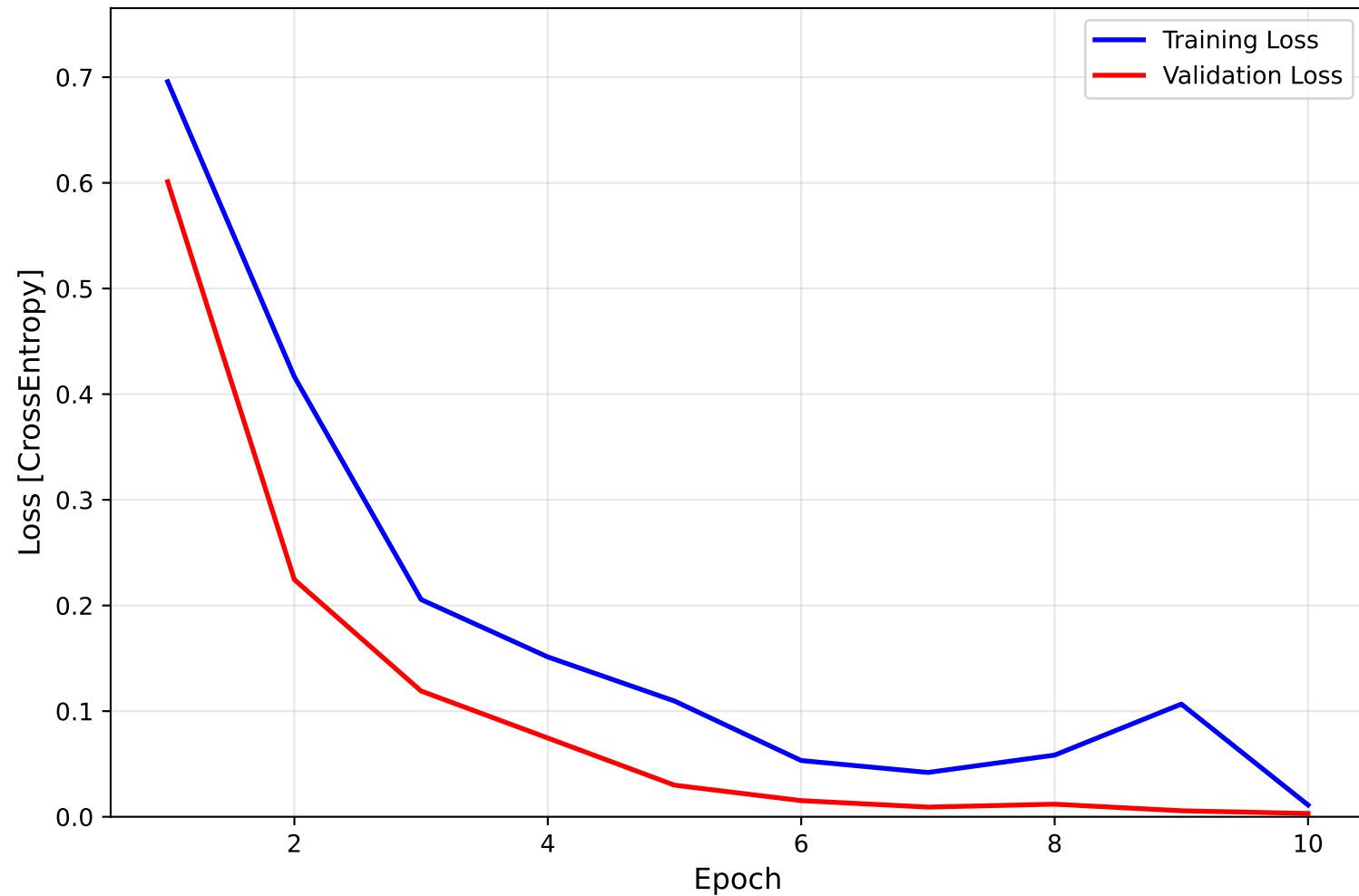
Final Validation Accuracy: 1.0000

# Confusion Matrix

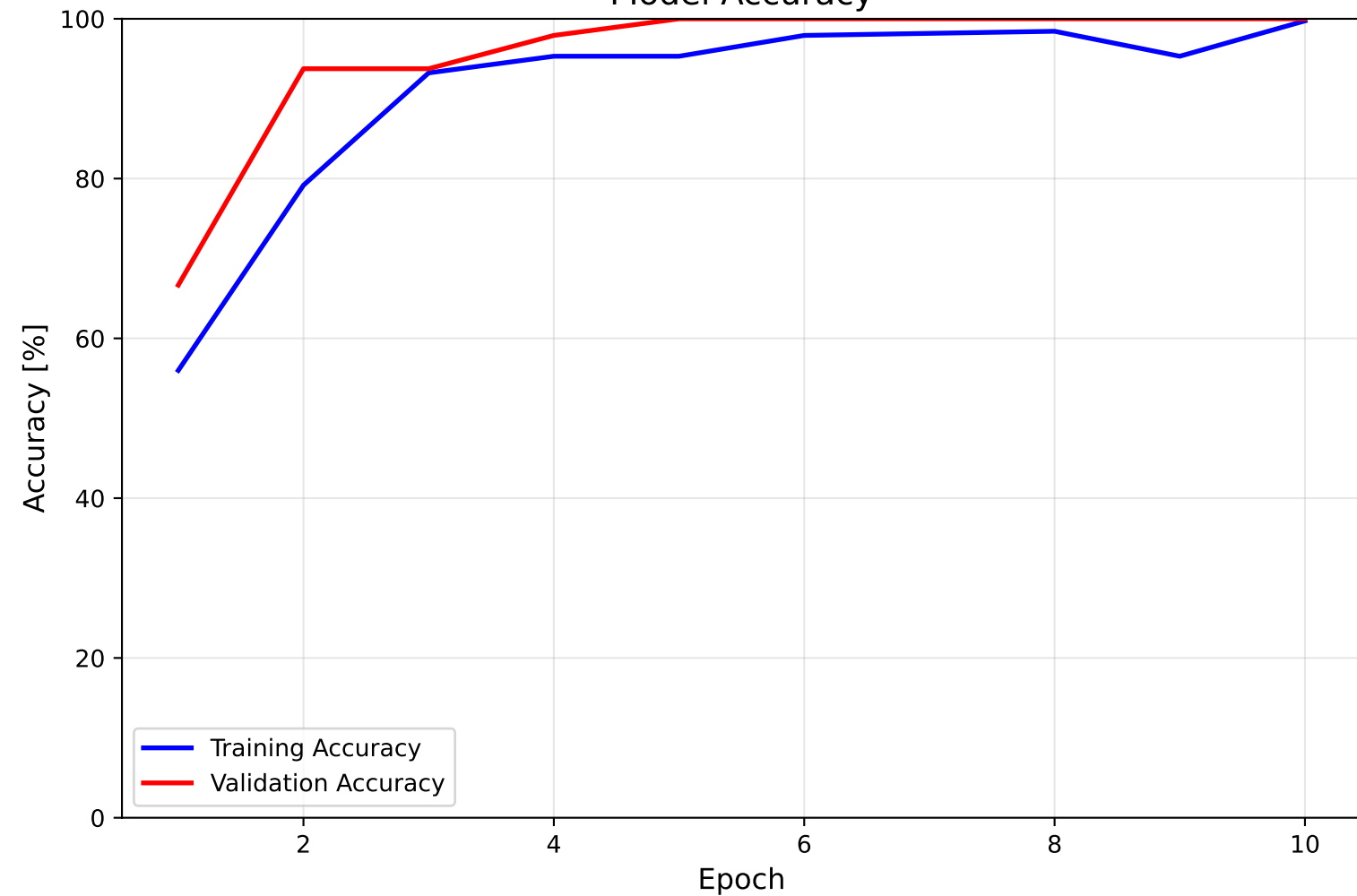


# Training History

## Model Loss

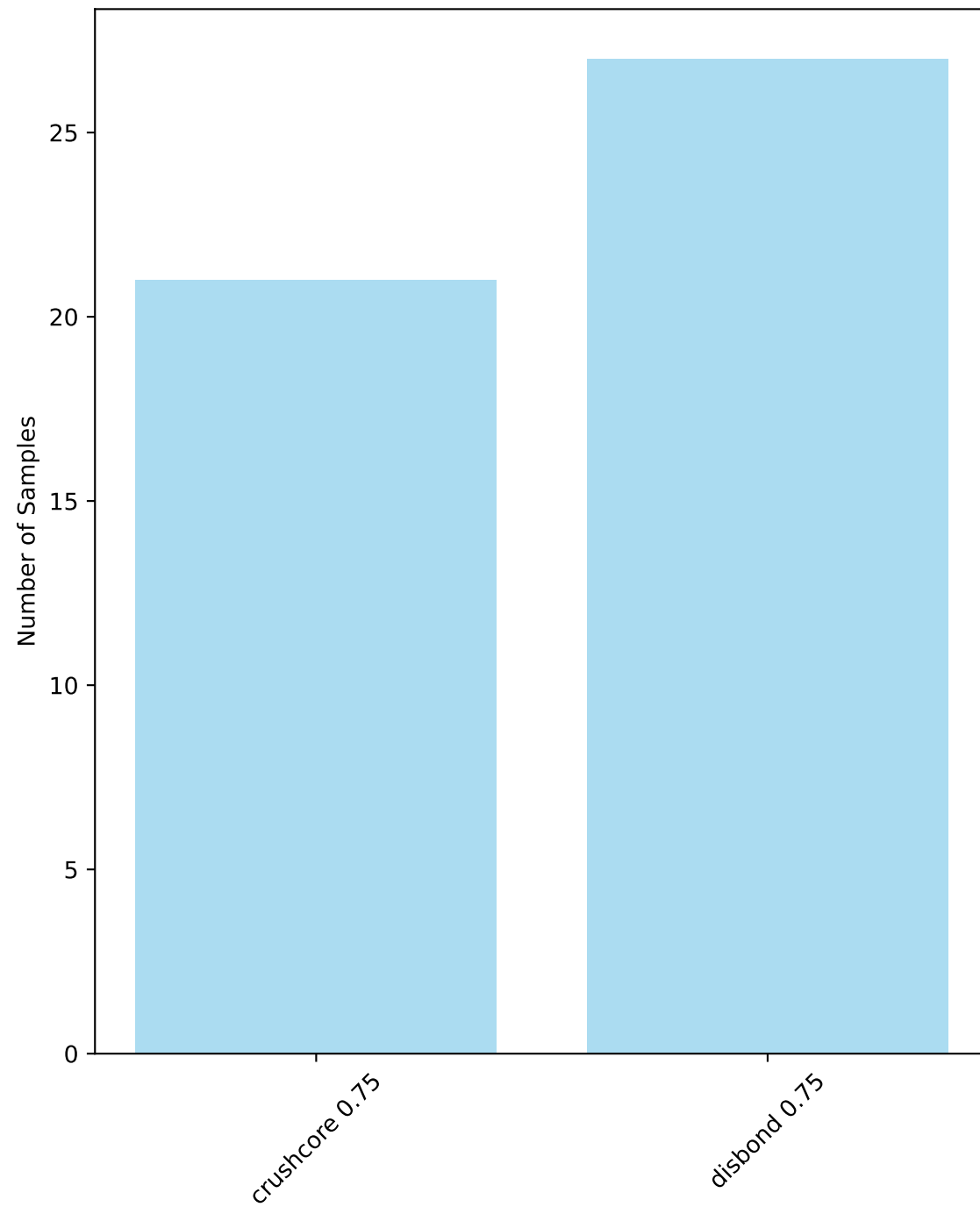


## Model Accuracy



# Class Distribution Analysis

## Test Set Class Distribution



## Prediction Distribution

