

# Model Evaluation Report

## Model Evaluation Summary

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Model Path: /home/arisenthil/capstone2025\_python/saved\_models/classifier\_model\_sept  
Generated: 2025-09-09 16:16:48

### Test Set Performance:

Accuracy: 0.9167

Loss: 0.1795

### Dataset Information:

Number of Classes: 2

Class Names: crushcore 0.75, disbond 0.75

### Training Information:

Total Epochs: 8

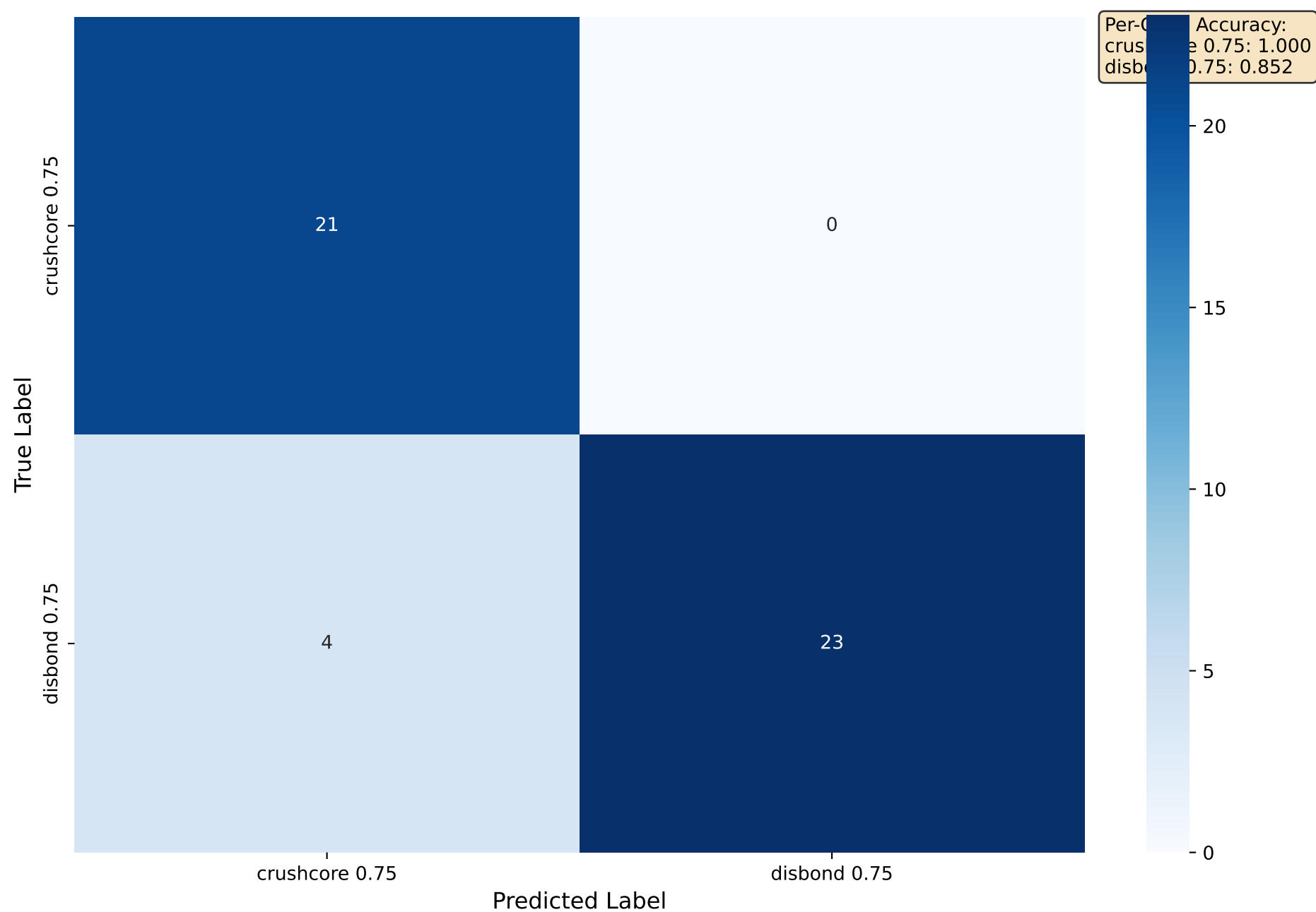
Final Training Loss: 0.0535

Final Validation Loss: 0.0858

Final Training Accuracy: 0.9792

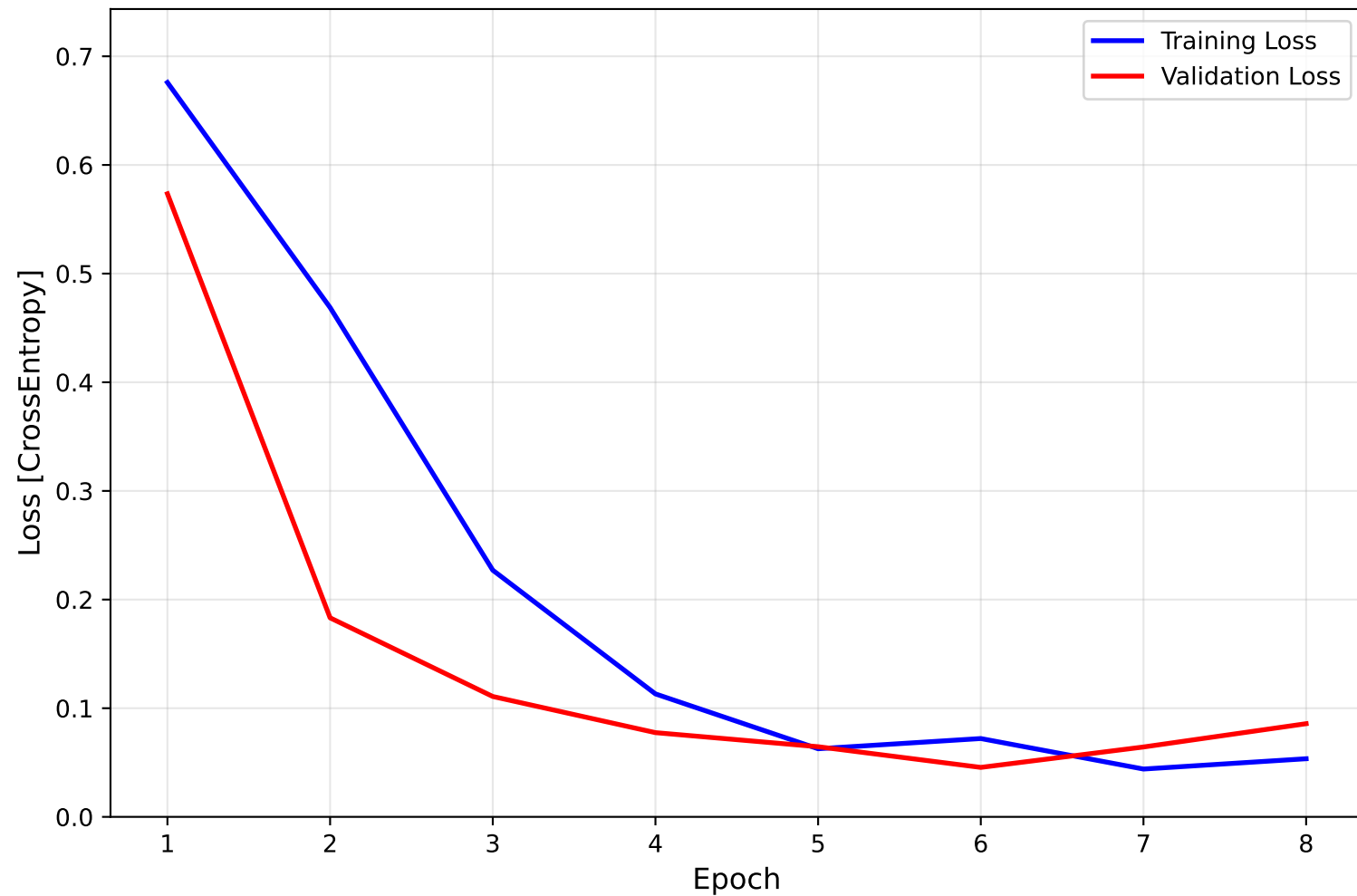
Final Validation Accuracy: 0.9375

# Confusion Matrix

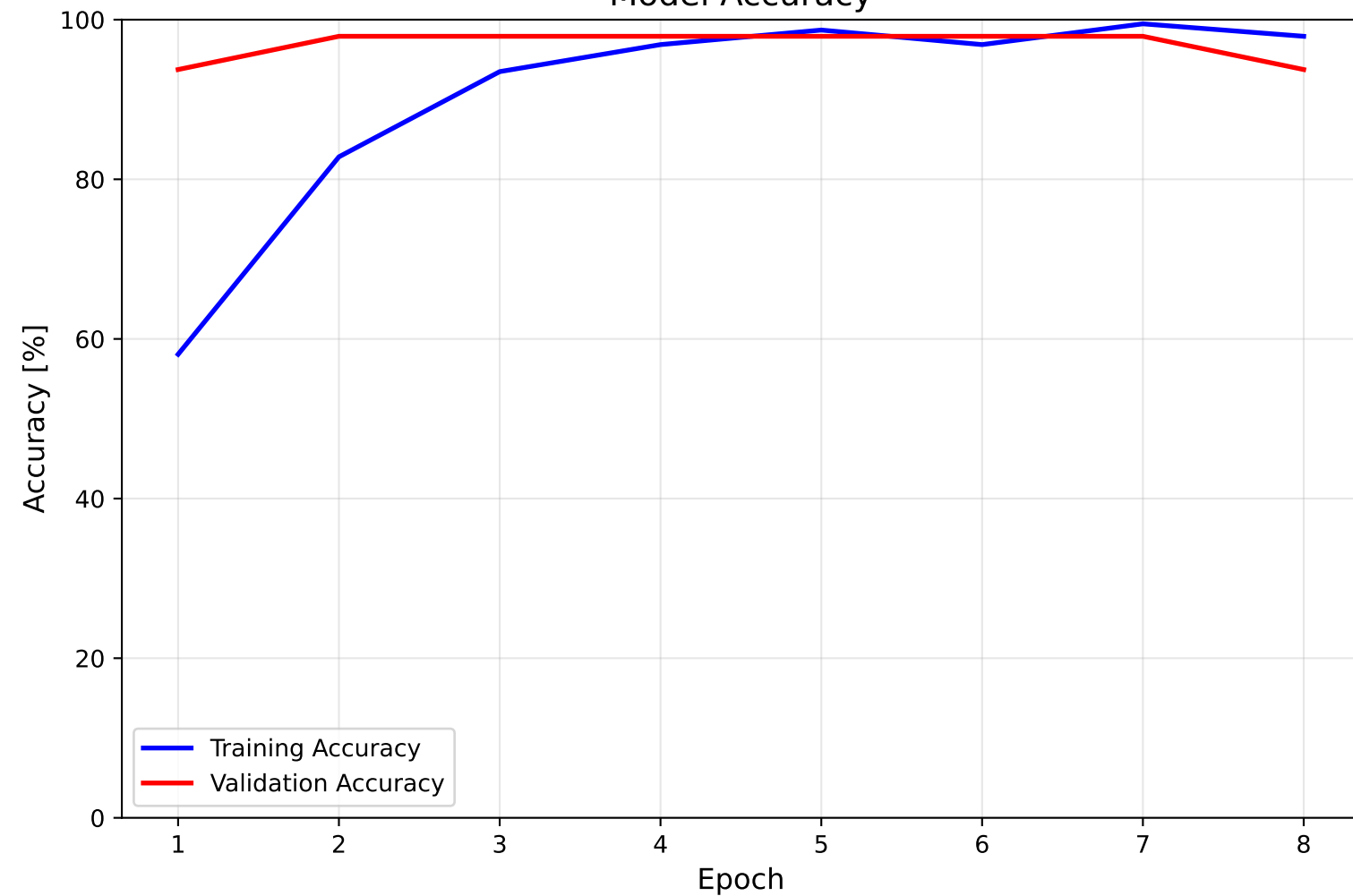


# Training History

## Model Loss

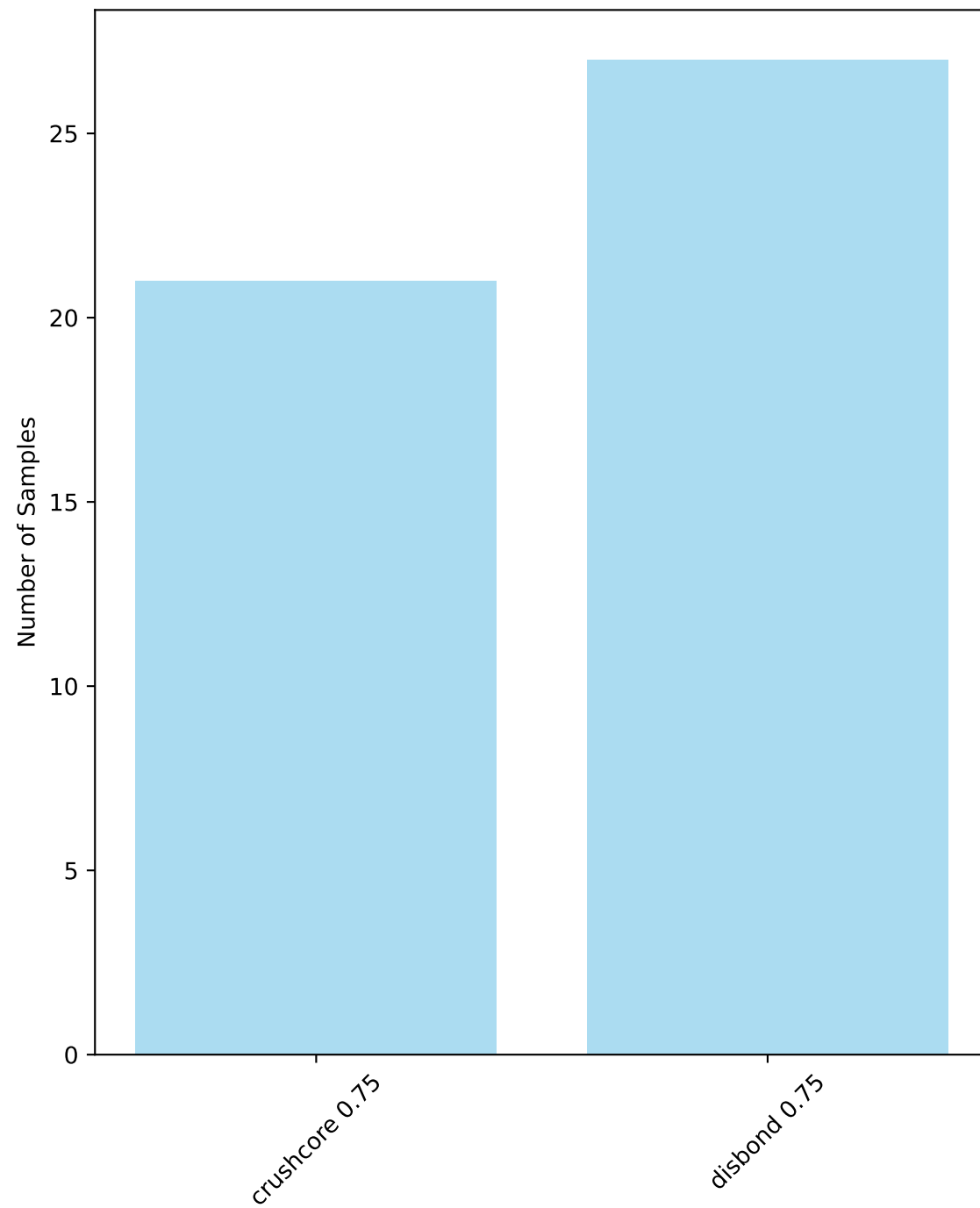


## Model Accuracy



# Class Distribution Analysis

## Test Set Class Distribution



## Prediction Distribution

