

Starting model training...

Epoch 1/75, Loss: 0.21586163341999054, Accuracy: 88.04%, Val Loss: 0.4023011326789856, Val Accuracy: 88.25%  
Epoch 2/75, Loss: 0.19692599773406982, Accuracy: 88.05%, Val Loss: 0.40271395444869995, Val Accuracy: 88.13%  
Epoch 3/75, Loss: 0.1888660490512848, Accuracy: 88.05%, Val Loss: 0.4032202959060669, Val Accuracy: 88.10%  
Reducing learning rate to 0.010000000000000002  
Epoch 4/75, Loss: 0.21711930632591248, Accuracy: 89.52%, Val Loss: 0.313142865896225, Val Accuracy: 89.74%  
Epoch 5/75, Loss: 0.21736474335193634, Accuracy: 89.59%, Val Loss: 0.3091408312320709, Val Accuracy: 89.73%  
Epoch 6/75, Loss: 0.2148788571357727, Accuracy: 89.63%, Val Loss: 0.30801329016685486, Val Accuracy: 89.74%  
Epoch 7/75, Loss: 0.2126285880804062, Accuracy: 89.65%, Val Loss: 0.30751731991767883, Val Accuracy: 89.77%  
Epoch 8/75, Loss: 0.21087858080863953, Accuracy: 89.67%, Val Loss: 0.3072464168071747, Val Accuracy: 89.75%  
Epoch 9/75, Loss: 0.20957162976264954, Accuracy: 89.67%, Val Loss: 0.30708032846450806, Val Accuracy: 89.75%  
Epoch 10/75, Loss: 0.20861279964447021, Accuracy: 89.68%, Val Loss: 0.3069709241390228, Val Accuracy: 89.77%  
Epoch 11/75, Loss: 0.20791563391685486, Accuracy: 89.68%, Val Loss: 0.3068951666355133, Val Accuracy: 89.77%  
Epoch 12/75, Loss: 0.2074117660522461, Accuracy: 89.69%, Val Loss: 0.30684056878089905, Val Accuracy: 89.75%  
Epoch 13/75, Loss: 0.20704950392246246, Accuracy: 89.70%, Val Loss: 0.3067999482154846, Val Accuracy: 89.76%  
Epoch 14/75, Loss: 0.2067900002002716, Accuracy: 89.70%, Val Loss: 0.30676910281181335, Val Accuracy: 89.75%  
Epoch 15/75, Loss: 0.20660492777824402, Accuracy: 89.70%, Val Loss: 0.3067452311515808, Val Accuracy: 89.74%  
Epoch 16/75, Loss: 0.20647475123405457, Accuracy: 89.70%, Val Loss: 0.3067266047000885, Val Accuracy: 89.74%  
Epoch 17/75, Loss: 0.20638330280780792, Accuracy: 89.70%, Val Loss: 0.3067118525505066, Val Accuracy: 89.74%  
Epoch 18/75, Loss: 0.20631998777389526, Accuracy: 89.70%, Val Loss: 0.3067002296447754, Val Accuracy: 89.74%  
Epoch 19/75, Loss: 0.20627659559249878, Accuracy: 89.70%, Val Loss: 0.30669108033180237, Val Accuracy: 89.75%  
Epoch 20/75, Loss: 0.2062469720840454, Accuracy: 89.70%, Val Loss: 0.306683836746216, Val Accuracy: 89.76%  
Epoch 21/75, Loss: 0.206226646900177, Accuracy: 89.71%, Val Loss: 0.30667829513549805, Val Accuracy: 89.77%  
Epoch 22/75, Loss: 0.20621256530284882, Accuracy: 89.70%, Val Loss: 0.30667394399642944, Val Accuracy: 89.76%  
Epoch 23/75, Loss: 0.20620229840278625, Accuracy: 89.70%, Val Loss: 0.30667075514793396, Val Accuracy: 89.76%  
Epoch 24/75, Loss: 0.20619404315948486, Accuracy: 89.69%, Val Loss: 0.3066684305667877, Val Accuracy: 89.77%  
Epoch 25/75, Loss: 0.20618654787540436, Accuracy: 89.69%, Val Loss: 0.30666685104370117, Val Accuracy: 89.77%  
Epoch 26/75, Loss: 0.2061794102191925, Accuracy: 89.69%, Val Loss: 0.30666589736938477, Val Accuracy: 89.77%  
Epoch 27/75, Loss: 0.20617161691188812, Accuracy: 89.69%, Val Loss: 0.30666542053222656, Val Accuracy: 89.76%  
Epoch 28/75, Loss: 0.20616284012794495, Accuracy: 89.70%, Val Loss: 0.3066653907299042, Val Accuracy: 89.76%  
Epoch 29/75, Loss: 0.20615267753601074, Accuracy: 89.69%, Val Loss: 0.30666571855545044, Val Accuracy: 89.76%  
Epoch 30/75, Loss: 0.2061411738395691, Accuracy: 89.69%, Val Loss: 0.3066662847995758, Val Accuracy: 89.76%  
Reducing learning rate to 0.0010000000000000002  
Epoch 31/75, Loss: 0.18711674213409424, Accuracy: 89.81%, Val Loss: 0.30059659481048584, Val Accuracy: 89.95%  
Epoch 32/75, Loss: 0.1872500777244568, Accuracy: 89.87%, Val Loss: 0.29973334074020386, Val Accuracy: 89.98%  
Epoch 33/75, Loss: 0.1887091100215912, Accuracy: 89.88%, Val Loss: 0.2993725836277008, Val Accuracy: 90.01%  
Epoch 34/75, Loss: 0.1901777684688568, Accuracy: 89.88%, Val Loss: 0.2991965115070343, Val Accuracy: 90.04%  
Epoch 35/75, Loss: 0.19141727685928345, Accuracy: 89.88%, Val Loss: 0.2991006672382355, Val Accuracy: 90.05%  
Epoch 36/75, Loss: 0.19241935014724731, Accuracy: 89.88%, Val Loss: 0.2990436851978302, Val Accuracy: 90.03%  
Epoch 37/75, Loss: 0.19322340190410614, Accuracy: 89.88%, Val Loss: 0.2990070879459381, Val Accuracy: 90.04%  
Epoch 38/75, Loss: 0.19387100636959076, Accuracy: 89.88%, Val Loss: 0.29898208379745483, Val Accuracy: 90.04%  
Epoch 39/75, Loss: 0.19439584016799927, Accuracy: 89.88%, Val Loss: 0.29896408319473267, Val Accuracy: 90.05%  
Epoch 40/75, Loss: 0.1948254108428955, Accuracy: 89.88%, Val Loss: 0.29895055294036865, Val Accuracy: 90.06%  
Epoch 41/75, Loss: 0.19517898559570312, Accuracy: 89.88%, Val Loss: 0.29893994331359863, Val Accuracy: 90.05%  
Epoch 42/75, Loss: 0.19547292590141296, Accuracy: 89.88%, Val Loss: 0.29893144965171814, Val Accuracy: 90.05%  
Epoch 43/75, Loss: 0.19571834802627563, Accuracy: 89.88%, Val Loss: 0.2989244759082794, Val Accuracy: 90.03%  
Epoch 44/75, Loss: 0.19592395424842834, Accuracy: 89.88%, Val Loss: 0.29891857504844666, Val Accuracy: 90.03%  
Epoch 45/75, Loss: 0.19609776139259338, Accuracy: 89.89%, Val Loss: 0.29891353845596313, Val Accuracy: 90.04%  
Epoch 46/75, Loss: 0.19624541699886322, Accuracy: 89.89%, Val Loss: 0.29890918731689453, Val Accuracy: 90.04%  
Epoch 47/75, Loss: 0.1963704526424408, Accuracy: 89.89%, Val Loss: 0.2989054024219513, Val Accuracy: 90.03%  
Epoch 48/75, Loss: 0.19647720456123352, Accuracy: 89.89%, Val Loss: 0.2989020347595215, Val Accuracy: 90.03%  
Epoch 49/75, Loss: 0.1965676099061966, Accuracy: 89.89%, Val Loss: 0.2988991141319275, Val Accuracy: 90.03%  
Epoch 50/75, Loss: 0.19664525985717773, Accuracy: 89.89%, Val Loss: 0.2988964319229126, Val Accuracy: 90.03%  
Epoch 51/75, Loss: 0.1967117190361023, Accuracy: 89.89%, Val Loss: 0.2988939881324768, Val Accuracy: 90.03%  
Epoch 52/75, Loss: 0.19676819443702698, Accuracy: 89.88%, Val Loss: 0.29889196157455444, Val Accuracy: 90.04%  
Epoch 53/75, Loss: 0.19681575894355774, Accuracy: 89.88%, Val Loss: 0.29888996481895447, Val Accuracy: 90.03%  
Epoch 54/75, Loss: 0.19685658812522888, Accuracy: 89.88%, Val Loss: 0.2988882064819336, Val Accuracy: 90.03%  
Epoch 55/75, Loss: 0.19689135253429413, Accuracy: 89.88%, Val Loss: 0.29888659715652466, Val Accuracy: 90.03%  
Epoch 56/75, Loss: 0.19692093133926392, Accuracy: 89.88%, Val Loss: 0.29888516664505005, Val Accuracy: 90.03%  
Epoch 57/75, Loss: 0.19694560766220093, Accuracy: 89.88%, Val Loss: 0.29888391494750977, Val Accuracy: 90.03%  
Epoch 58/75, Loss: 0.1969665288925171, Accuracy: 89.88%, Val Loss: 0.29888269305229187, Val Accuracy: 90.03%

Epoch 59/75, Loss: 0.1969834566116333, Accuracy: 89.88%, Val Loss: 0.2988816201686859, Val Accuracy: 90.03%  
Epoch 60/75, Loss: 0.1969977468252182, Accuracy: 89.88%, Val Loss: 0.2988806366920471, Val Accuracy: 90.03%  
Epoch 61/75, Loss: 0.1970095932483673, Accuracy: 89.88%, Val Loss: 0.2988797426223755, Val Accuracy: 90.03%  
Epoch 62/75, Loss: 0.19701828062534332, Accuracy: 89.88%, Val Loss: 0.29887887835502625, Val Accuracy: 90.03%  
Epoch 63/75, Loss: 0.1970263123512268, Accuracy: 89.88%, Val Loss: 0.29887810349464417, Val Accuracy: 90.03%  
Epoch 64/75, Loss: 0.1970324069261551, Accuracy: 89.88%, Val Loss: 0.29887741804122925, Val Accuracy: 90.03%  
Epoch 65/75, Loss: 0.19703635573387146, Accuracy: 89.88%, Val Loss: 0.2988767623901367, Val Accuracy: 90.03%  
Epoch 66/75, Loss: 0.1970386803150177, Accuracy: 89.88%, Val Loss: 0.29887622594833374, Val Accuracy: 90.01%  
Epoch 67/75, Loss: 0.19704027473926544, Accuracy: 89.88%, Val Loss: 0.29887571930885315, Val Accuracy: 90.01%  
Epoch 68/75, Loss: 0.19704067707061768, Accuracy: 89.88%, Val Loss: 0.29887524247169495, Val Accuracy: 90.02%  
Epoch 69/75, Loss: 0.19704031944274902, Accuracy: 89.88%, Val Loss: 0.29887479543685913, Val Accuracy: 90.03%  
Epoch 70/75, Loss: 0.19703896343708038, Accuracy: 89.88%, Val Loss: 0.2988743782043457, Val Accuracy: 90.03%  
Epoch 71/75, Loss: 0.19703714549541473, Accuracy: 89.88%, Val Loss: 0.29887402057647705, Val Accuracy: 90.03%  
Epoch 72/75, Loss: 0.197035014629364, Accuracy: 89.88%, Val Loss: 0.2988736927509308, Val Accuracy: 90.03%  
Epoch 73/75, Loss: 0.19703231751918793, Accuracy: 89.88%, Val Loss: 0.2988733649253845, Val Accuracy: 90.03%  
Epoch 74/75, Loss: 0.1970292627811432, Accuracy: 89.88%, Val Loss: 0.2988731265068054, Val Accuracy: 90.03%  
Epoch 75/75, Loss: 0.19702593982219696, Accuracy: 89.88%, Val Loss: 0.2988729178905487, Val Accuracy: 90.03%  
Model training completed.  
Evaluating on test data...  
Testing Loss: 0.3090  
Testing Accuracy: 89.70%