

**PERMITTED ANALYTICAL VARIATIONS (PAV)* FOR PROXIMATE ANALYSIS
BAGGED LOTS**

Guaranteed Percent	Acceptable Tolerance	Class A Violation	Class B Violation
PROTEIN			
5.0 or less	0.3	>0.3 to 0.5	>0.5
5.01 - 10.00	0.4	>0.4 to 0.6	>0.6
10.01 - 15.00	0.5	>0.5 to 0.8	>0.8
15.01 - 20.00	0.7	>0.7 to 0.9	>0.9
20.01 - 25.00	0.8	>0.8 to 1.1	>1.1
25.01 - 30.00	0.8	>0.8 to 1.1	>1.1
30.01 - 35.00	0.9	>0.9 to 1.3	>1.3
Over 35.00	1.0	>1.0 to 1.4	>1.4
FAT			
5.0 or less	0.4	>0.4 to 0.6	>0.6
5.01 - 10.00	0.5	>0.5 to 0.7	>0.7
10.01 - 15.00	0.7	>0.7 to 0.9	>0.9
15.01 - 20.00	0.9	>0.9 to 1.3	>1.3
20.01 - 25.00	0.9	>0.9 to 1.3	>1.3
25.01 - 30.00	1.0	>1.0 to 1.5	>1.5
30.01 - 35.00	1.0	>1.0 to 1.5	>1.5
Over 35.00	1.0	>1.0 to 1.5	>1.5
FIBER			
5.0 or less	0.6	>0.6 to 0.8	>0.8
5.01 - 10.00	0.7	>0.7 to 1.0	>1.0
10.01 - 15.00	0.9	>0.9 to 1.3	>1.3
15.01 - 20.00	1.3	>1.3 to 1.8	>1.8
20.01 - 25.00	1.3	>1.3 to 1.8	>1.8
25.01 - 30.00	1.5	>1.5 to 2.1	>2.1
30.01 - 35.00	1.5	>1.5 to 2.1	>2.1
Over 35.00	1.5	>1.5 to 2.1	>2.1
ASH			
5.0 or less	0.5	>0.5 to 0.7	>0.7
5.01 - 10.00	0.6	>0.6 to 0.8	>0.8
10.01 - 15.00	0.8	>0.8 to 1.1	>1.1
15.01 - 20.00	1.0	>1.0 to 1.4	>1.4
20.01 - 25.00	1.0	>1.0 to 1.4	>1.4
25.01 - 30.00	1.5	>1.5 to 2.1	>2.1
30.01 - 35.00	1.5	>1.5 to 2.1	>2.1
Over 35.00	1.5	>1.5 to 2.1	>2.1

* Section 4-45-18 Hawaii Administrative Rules - Rules Relating to Feed