

HVP COA Comparison Worksheet

Line up supplier documents before comparing nitrogen figures. Use batch COA values, not specification minimums.
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How to use this worksheet

- 1. Fill one column per supplier from the actual batch COA, not from a brochure or a minimum specification.
- 2. Write the unit and the basis (as-is or dry matter) next to every figure; values in different units or bases are not comparable.
- 3. Confirm the analytical method for amino nitrogen and total nitrogen; different methods are not directly interchangeable.
- 4. Calculate AN/TN only from matched measured values in the same row, never from two independent minimums.
- 5. Validate the shortlisted grade in your finished product before approving it.

Item	Supplier A	Supplier B	QXFOOD
Product / SKU			
Protein source (soy / corn / other)			
Powder / liquid			
Process (acid / enzymatic / mixed)			
Total nitrogen (TN)			
TN unit and basis (g/100g, g/100ml, as-is / DM)			
Amino nitrogen (AN)			
AN unit and basis			
Test method (TN)			
Test method (AN)			
Calculated AN/TN (matched batch values only)			
Salt (NaCl %)			
Moisture (powder) or solids (liquid)			
3-MCPD result and method			
Allergen declaration (source and cross-contact)			
Batch number and COA date			
Finished-product test result			

AN/TN is a hydrolysis-characterization value, not a flavor score. Use only matched values from the same batch, basis and compatible analytical methods.

Minimum specification values describe acceptance limits; they do not describe a batch and cannot be combined into a ratio. Finished sensory performance must be confirmed in the target application.