

PRODUCT DESCRIPTION

POET® Inviz™ zein is a non-toxic, harmless protein that is soluble in alcohols and other solvents, but only slightly soluble in water. It has a yellow color and a slight toasted corn odor. POET Inviz zein is extracted from Dakota Gold® HP™ distillers grains with aqueous ethanol. Dakota Gold HP is a livestock feed co-product of the POET BFRAC™ dry mill ethanol process.

SPECIFICATIONS

Typical product composition:

Component:	Amount:
Protein	89%
Fat	1%
Moisture	6%

Min/max specifications:

Component:	Amount:
Protein	Min 87%
Fat	Max 2%
Moisture	Max 8%

STORAGE

Store POET Inviz zein in a closed container at or below 85 °F (29 °C) protected from light. The shelf life of this product is 12 months.

GENERAL APPLICATIONS

Zein originally appeared in the marketplace in the 1930s, and was used extensively in coatings for paper cups, candies, nuts, fruits as well as in time-release applications. Today zein is known as a specialty product and can be used in the following areas:

Industrial

Biodegradable polymers, films, packaging, adhesives, paper coatings, etc

Agricultural

Ag mulch films, edible bale wrap, etc

