

## 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

