

Altered Koelin - TR ALT K004

BENEFITS:

- Dispersible in Oil and Water
- Titanium Dioxide free Mineral and Starch based white Pigment
- Available in pure white fine powder
- It is used as high opacifying agent
- It improves the texture and appearance of tablet surface
- It can be used as anticaking agent, buffering agent, tablet and Capsules diluent filler
- Easy to incorporate in Oil, Gelatin and HPMC
- Natural and easy to apply
- It Helps to improve the stability

PRODUCT DETAILS:

Product Name	Altered Koelin – TR
Product code	ALT – K004
Form	Powder
Colour Index	----
Colour Index Name	---
Colour	White
Chemical Name	Mica, Modified Calcium Carbonate and Modified Starch
CAS No	12001-26-2, 471-34-1 and 9005-25-8
EINECS No	601-648-2, 207-439-9 and 232-679-6
E Number	E 555 (Mica), E 170 (Modified Calcium Carbonate) and E 1404 (Modified Starch)
Country of Origin	India

COMPOSITION:

Ingredient	%	EINECS No.	CAS No.	E.No
Mica	2.0 – 8.0%	601-648-2	12001-26-2	E 555
Modified Calcium Carbonate	58.0 – 61.0%	215-222-5	207-439-9	E 170
Modified Starch	34.0 – 37.0%	232-679-6	9005-25-8	E 1404

PROPERTIES:

Physical Appearance	Dispersion in Oil	Gelatine Dispersion	HPMC Dispersion
White colour Powder	To be matched against standard	To be matched against standard	To be matched against standard

Particle Size	pH (10% slurry in distilled water)	Bulk Density
Between 100 nm to 10 microns	Between 4.0 – 10.0	0.3 – 1.5 gm/cm ³

SOLUBILITY:

Water	Organic Solvents	Concentrated Mineral Acid	Ethanol	Methanol	Ethyl Acetate	Acetone	Iso Propyl Alcohol
Dispersible	Insoluble	Soluble	Sparingly Soluble	Sparingly Soluble	Insoluble	Insoluble	Insoluble

Glycerol	Propylene Glycol	Silicon Oil	Vegetable Oil	Light Liquid Paraffin	IPM (Iso Propyl Myristate)	Sorbitol
Dispersible	Dispersible	Dispersible	Dispersible	Dispersible	Insoluble	Insoluble

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TITANIUM DIOXIDE REPLACEMENT

Altered Koelin- TR

ALT
K002

ALT
K003

ALT
K004

ALTERED
KOELIN^{TR}

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Altered Koelin - TR ALT K002

BENEFITS:

- Dispersible in Oil and Water
- Titanium Dioxide free Mineral and Starch based white Pigment
- Available in pure white fine powder
- It is used as high opacifying agent
- It improves the texture and appearance of tablet surface
- It can be used as anticaking agent, buffering agent, tablet and Capsules diluent filler
- Easy to incorporate in Oil, Gelatin and HPMC
- Natural and easy to apply
- It Helps to improve the stability

PRODUCT DETAILS:

Product Name	Altered Koelin – TR
Product code	ALT – K002
Form	Powder
Colour Index	----
Colour Index Name	---
Colour	White
Chemical Name	Modified Calcium Carbonate and Modified Starch
CAS No	471-34-1 and 9005-25-8
EINECS No	207-439-9 and 232-679-6
E Number	E 170 (Modified Calcium Carbonate) and E 1404 (Modified Starch)
Country of Origin	India

COMPOSITION:

Ingredient	%	EINECS No.	CAS No.	E.No
Modified Starch	40.0 – 60.0%	232-679-6	471-34-1	E 1404
Modified Calcium Carbonate Calcium	40.0 – 60.0%	215-222-5	207-439-9	E 170

PROPERTIES:

Physical Appearance	Dispersion in Oil	Gelatine Dispersion	HPMC Dispersion
White colour Powder	To be matched against standard	To be matched against standard	To be matched against standard

Particle Size	pH (10% slurry in distilled water)	Bulk Density
Between 100 nm to 10 microns	Between 4.0 – 10.0	0.3 – 1.5 gm/cm ³

SOLUBILITY:

Water	Organic Solvents	Concentrated Mineral Acid	Ethanol	Methanol	Ethyl Acetate	Acetone	Iso Propyl Alcohol
Dispersible	Insoluble	Soluble	Sparingly Soluble	Sparingly Soluble	Insoluble	Insoluble	Insoluble

Glycerol	Propylene Glycol	Silicon Oil	Vegetable Oil	Light Liquid Paraffin	IPM (Iso Propyl Myristate)	Sorbitol
Dispersible	Dispersible	Dispersible	Dispersible	Dispersible	Insoluble	Insoluble

BENEFITS:

- Dispersible in Oil and Water
- Titanium Dioxide free Mineral and Starch based white Pigment
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- It is used as high opacifying agent
- It improves the texture and appearance of tablet surface
- It can be used as anticaking agent, buffering agent, tablet and Capsules diluent filler
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Altered Koelin - TR ALT K003

PRODUCT DETAILS:

Product Name	Altered Koelin – TR
Product code	ALT – K003
Form	Powder
Colour Index	----
Colour Index Name	---
Colour	White
Chemical Name	Modified Calcium Carbonate
CAS No	471-34-1
EINECS No	207-439-9
E Number	E 170
Country of Origin	India

COMPOSITION:

Ingredient	%	EINECS No.	CAS No.	E.No
Modified Calcium Carbonate	100.0%	207-439-9	471-34-1	E 170

PROPERTIES:

Physical Appearance	Dispersion in Oil	Gelatine Dispersion	HPMC Dispersion
White colour Powder	To be matched against standard	To be matched against standard	To be matched against standard

Particle Size	pH (10% slurry in distilled water)	Bulk Density
Between 100 nm to 10 microns	Between 4.0 – 10.0	0.3 – 1.5 gm/cm ³

SOLUBILITY:

Water	Organic Solvents	Concentrated Mineral Acid	Ethanol	Methanol	Ethyl Acetate	Acetone	Iso Propyl Alcohol
Dispersible	Insoluble	Soluble	Sparingly Soluble	Sparingly Soluble	Insoluble	Insoluble	Insoluble

Glycerol	Propylene Glycol	Silicon Oil	Vegetable Oil	Light Liquid Paraffin	IPM (Iso Propyl Myristate)	Sorbitol
Dispersible	Dispersible	Dispersible	Dispersible	Dispersible	Insoluble	Insoluble