



ISC EUROPE LTD
Ingenuity • Stability • Competence

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GUM ARABIC E - 414

PROPERTY	Premium Spray Dried	Premium Granular	Premium Powdered	Premium QD
Form	Powder	Granular	Powder	Fine Granular
Color	White to Cream	Lt. Amber	Off White	White to Cream
Odor	None	None	None	None
Taste	None	None	None	None
Particle Size				
Through USS 6 mesh	-----	90% Min	-----	-----
Through USS 30 mesh	-----	-----	-----	90.0% Min
Through USS 60 mesh	99% Min	20% Max	-----	50.0% Min
Through USS 140 mesh	80% Min	-----	98% Min	30.0% Max
Through USS 200 mesh	-----	-----	-----	20.0% Max
Color of 20% Solution	Light Amber	Light Amber	Light Amber	Light Amber
Viscosity of 20% Solution	150cps Max	200cps Max	200cps Max	150cps Max
pH of 20% Solution	4.0 - 4.8	4.0 - 4.8	4.0 - 4.8	4.0 - 4.8
Speck Test	Standard	*****	*****	Standard
Moisture	12% Max	15% Max	15% Max	15% Max
Total Ash	4% Max	4% Max	4% Max	4% Max
Acid Insoluble Residue	0.10% Max	0.25% Max	0.20% Max	0.10% Max
Identification	Positive	Positive	Positive	Positive
Starch or Dextrine	Negative	Negative	Negative	Negative
Tannin Bearing Gums	Negative	Negative	Negative	Negative
Arsenic	3 ppm Max	3 ppm Max	3 ppm Max	3 ppm Max
Lead	5 ppm Max	5 ppm Max	5 ppm Max	5 ppm Max
Heavy Metal	20 ppm Max	20 ppm Max	20 ppm Max	20 ppm Max
Total Dietary Fiber (As Is)	85% Min	80% Min	80% Min	85% Min
Total Dietary Fiber (Dry Weight)	90% Min	90% Min	90% Min	90% Min
Salmonella/E.coli	Negative	Negative	Negative	Negative

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