

# CERTIFICATE OF ANALYSIS POTASSIUM CARBONATE GRANULAR



## SPECIFICATION TEST PLAN TECHNICAL GRADE:

### STANDARD TECHNICAL GRADE

PROPERTY	VALUE	UNIT	METHOD
Total alkalinity	99.0 – 100.0	%	TIT
Sodium	<= 0.25	%	AES

## SPECIFICATION TEST PLAN FOOD GRADE:

### STANDARD FOOD

PROPERTY	VALUE	UNIT	METHOD
Total alkalinity	99.5 – 100.0	%	TIT
Sodium	<= 0.25	%	AES

### STANDARD FOOD+

PROPERTY	VALUE	UNIT	METHOD
Total alkalinity	99.5 – 100.0	%	TIT
Sodium	<= 0.25	%	AES
Loss on drying	<= 0.50	%	GRAV

## PREMIUM FOOD | FOOD+

PROPERTY	VALUE	UNIT	METHOD
Total alkalinity	99.5 – 100.0	%	TIT
Sodium	<= 0.25	%	AES
Loss on drying	<= 0.50	%	GRAV
Chloride	<= 5.0	mg/kg	Turbidity
Zinc	<= 0.15	mg/kg	ASV
Lead	<= 0.1	mg/kg	ASV
Copper	<= 0.02	mg/kg	ASV
Nickel	<= 0.15	mg/kg	ICP-OES
Chrome	<= 0.15	mg/kg	ASV
Calcium	<= 10	mg/kg	ICP-OES
Iron	<= 0.3	mg/kg	ICP-OES
Arsenic	<= 0.50	mg/kg	ICP-OES
Aluminium	<= 0.50	mg/kg	ICP-OES
Total Nitrogen	<= 10.0	mg/kg	Chemiluminescence
Total Sulphur as SO <sub>4</sub> -S	<= 10.0	mg/kg	IC
Magnesium	<= 1.0	mg/kg	ICP-OES
Phosphate	<= 5.0	mg/kg	ICP-OES
Sulphate	<= 100	%	IC

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### EVONIK PERFORMANCE MATERIALS GMBH

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