

Monoammonium Phosphate Feed Grade

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Phosphorus	wt. % P	24.0		24.5
Total Nitrogen	wt. % N	11.0		11.6
Fluorine	wt. % F		0.24	0.16
P/F ratio		100		153
Moisture	wt. % H ₂ O			< 2.0
Heavy Metals	ppm Pb		30	< 1
Arsenic	ppm As		75	1
Aluminum	wt. % Al			0.34
Cadmium	ppm Cd			10
Calcium	wt. % Ca			0.1
Copper	ppm Cu			< 1.0
Iron	wt. % Fe			0.4
Magnesium	wt. % Mg			0.8
Manganese	ppm Mn			50
Potassium	wt. % K			0.25
Sodium	wt. % Na			0.3
Sulfur	wt. % S			1.3
Zinc	ppm Zn			416

PHYSICAL ANALYSIS

Component	Units	Range	Typical
Bulk Density	lb/ft ³	56 - 59	
	kg/m ³	897 - 945	
Color			Tan
SGN		69 - 107	
Uniformity Index		20 - 47	

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
<i>Retained on . . .</i>	+12	+14	1.40	8
	+100	+100	0.150	92
<i>Passing through . . .</i>	-100	-100	0.150	0

Refer to a Safety Data Sheet for more information

Typical results are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the typical range.

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