



Aldon Corporation

CHEMICAL FORMULATIONS AND PACKAGING

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Chemical Specification Sheet

Product: SODIUM HYDROXIDE PELLET, REAGENT GRADE, 500G

Aldon Part Number: IS28110
Reference Number: SS0550

This lot for this product is certified to meet the following specifications:

PROPERTIES	SPECIFICATIONS	RESULTS
Color and appearance	white, hygroscopic pellets	pass
Assay	$\geq 98.5\%$	pass
Appearance of solution	clear and colorless	pass
Identification	pH of 0.1mg/mL sol is NLT 11.0	pass
Arsenic	absent	pass
Heavy metals	NMT 0.002%	pass
Iron	NMT 0.001%	pass
Carbonates	$\leq 1.0\%$	pass
Chlorides	NMT 0.005%	pass
Sulfates	NMT 0.003%	pass
Potassium	NMT 0.02%	pass
Calcium	NMT 0.002%	pass
Mercury	absent	pass
Nickel	NMT 0.001%	pass
Phosphate	NMT 0.001%	pass
Sodium	54.0-59.8%	pass
Nitrogen compounds	NMT 0.001%	pass
Insoluble substances and organic matter	NMT 0.01%	pass
Nitrate	NMT 0.0005%	pass
Silicate	NMT 0.01%	pass
Aluminum	NMT 0.002%	pass
Ammonium	NMT 0.0005%	pass
Copper	NMT 0.001%	pass
Lead	NMT 0.0005%	pass
Magnesium	NMT 0.0005%	pass
Zinc	NMT 0.001%	pass

Approved By: Erica Friel

Erica Friel
Product and Business Development Manager