



Aldon Corporation

**CHEMICAL FORMULATIONS AND
PACKAGING**

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Chemical Specification Sheet

Product: ASCORBIC ACID, LAB GRADE, 100G

Aldon Part Number: IS10127

Reference Number: AA0425

This lot for this product is certified to meet the following

specifications:

TEST	SPECIFICATIONS	RESULT
Appearance	White crystalline powder	pass
Solubility	Water-soluble/alcohol slightly	pass
Identification	Conform	pass
Melting Point	189.000-193.000 deg C	pass
pH 5% W/V	2.10-2.60 Each	pass
pH 2% W/V	2.40-2.80 Each	pass
Specific Optical Rotation	20.50-21.50 deg	pass
Appearance of Solution	Solution S is clear	pass
Assay	99.0000-100.5000%	pass
Copper (NMT)	5 ppm max.	pass
Iron	0.00000-2.00000 ppm	pass
Mercury	0.00000-1.00000 ppm	pass
Arsenic (NMT)	3 ppm max.	pass
Lead (NMT)	2 ppm max.	pass
Impurity E (NMT)	0.2% max.	pass
Loss on Drying	0.000-0.400%	pass
Sulfated Ash (%)	0.0000-0.1000%	pass
Impurity C (NMT)	0.15% max.	pass
Impurity D (NMT)	0.15% max.	pass
Unspecified Impurities	0.10% max.	pass
Total Impurities (NMT)	0.2% max.	pass
Methanol	0.0000-3000.0000ppm	pass

Approved By: _____

Erica Friel

Erica Friel
Product and Business Development Manager