



# Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

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## CERTIFICATE OF ANALYSIS

**Name Of Item :** L-ASCORBIC ACID (Vitamin C) AR      **Formula :**  $C_6H_8O_6$

**M.W. :** 176.13

**Batch No. :** L0073

**CAS NO. :** 50-81-7

**Cat. No. :** AL2187

**Date Of Mfg. :**

**Date of Analysis :**

Type Of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Assay	(Min) 99.7%	99.90%
Specific rotation $[\alpha]_{20^\circ/D}$ (10% solution)	+20.5° to +21.5°	+20.5° to +21.5°
Solution in water	Passes test	
Loss on drying at 105°C	<0.1%	0.05%
Sulphated ash	<0.05%	<0.05%
Chloride (Cl)	<0.005%	0.003%
Sulphate (SO <sub>4</sub> )	<0.002%	0.001%
Copper (Cu)	<0.0003%	<0.0003%
Heavy metals (as Pb)	<0.001%	<0.001%
Iron (Fe)	<0.0002%	0.00%
Lead (Pb)	<0.001%	<0.001%

**Results :** The above product complies with AR grade

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