



CERTIFICATE OF ANALYSIS

ALPHA METHYLDOPA

CAS Registry Number: [41372-08-1]

Chemical Formula: $C_{10}H_{13}NO_{4.1.5}H_2O$

Molecular Weight: 238.24

Specifications:

Standards	USP28
Appearance	White crystal powder

(A) The infrared absorption spectrum is concordant with the reference spectrum of standard

(B) The UV absorption spectrum is concordant with the reference spectrum of standard

Identification	(A) The infrared absorption spectrum is concordant with the reference spectrum of standard
Assay (basis on dry)	98.0% -101.0%
Acidity	0.50ml/g max.
Specific rotation	-25°--28°
Solubility	Conforms
Water	10.0-13.0%
Residue on ignition	0.1% max.
Heavy metals	10ppm max.
Limit of 3-o-methylmethyldopa	0.50% max.
Organic volatile impurities	Dichloroethane 5ppm max.
Granulometry	Min 95% pass 100 mesh