

## Savan Group

PO Box 2061 Steyning Sussex BN5 0AQ UK

Tel: +44 1903 815702

Fax: +44 1903 815759



### TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : DIMENHYDRINATE  
SHELF LIFE : FOUR YEARS SUBJECT TO CORRECT STORAGE

---

TEST ITEM	STANDARDS	TEST RESULT
CHARACTERISTICS	A WHITE CRYSTALLINE POWDER	CONFORMS
IDENTIFICATION	CONFORMS	CONFORMS
MELTING RANGE	102-107°C	103.0-104.5°C
LOSS ON DRYING	≤0.5	0.16%
RESIDUE ON IGNITION	≤0.3	0.01%
BROMIDE AND IODIDE	THE CHLOROFORM REMAINS COLORLESS	CONFORMS
CHLORIDE	CONFORMS	CONFORMS
ORGANIC VOLATILE IMPURITIES	BENZENE≤100PPM	NONE
	CHLOROFORM≤50PPM	NONE
	1,4-DIOXANE≤100PPM	NONE
	METHYLENE CHLORIDE≤500PPM	NONE
	TRICHLOROETHYLENE≤100PPM	NONE
RESIDUAL SOLVENTS	ISOPROPYL ALCOHO≤5000PPM	190PPM
ASSAY:		53.9%
DIPHENHYDRAMINE	53.0-55.5% (CACULATED ON THE DRIED BASIS)	
8-CHLOROTHEOPHYLLINE	44.0-47.0% (CACULATED ON THE DRIED BASIS)	44.8%

**CONCLUSION: THIS PRODUCT CONFORMS TO USP29**