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TYPICAL ANALYSIS / SPECIFICATION

PRODUCT
SHELF LIFE
STORAGE

: METHYL DOPA
: THREE YEARS
: AIRTIGHT CONTAINER AWAY
FROM LIGHT

TEST	SPECIFICATIONS		RESULT
DEFINITION	APPEARANCE	A WHITE OR ALMOST WHITE CRYSTALLINE POWER	ALMOST WHITE CRYSTALLINE POWER
	SOLUBILITY	MEETS THE REQUIREMENTS.	MEETS THE REQUIREMENTS.
IDENTIFICATION	A. IR	CONFORM	CONFORM
	TEST B.C.D	POSITIVE	POSITIVE
APPEARANCE OF SOLUTION	NOT MORE COLORED THAN BY6 AND B6	MEETS THE REQUIREMENTS.	
SPECIFIC ROTATION	-25° ~ -28°	-26.2°	
ACIDITY(0.1N NAOH)	≤0.5 ML/G	0.06 ML/G	
OPTICAL ROTATION	-1.10° ~ -1.23°	-1.15°	
ABSORBANCE	122 ~ 137	135	
WATER	10.0% ~ 13.0%	11.1%	
SULPHATED ASH	≤0.1%	0.04%	
HEAVY METALS	≤10PPM (PB)	<10PPM (PB)	
METHOXYLMETHYLDOPA AND RELATED SUBSTANCES	≤0.5%	<0.5%	
ORGANIC VOLATILE IMPURITIES	MEETS THE REQUIREMENTS.	MEETS THE REQUIREMENTS.	
ASSAY	98.0% ~ 101.0%	99.4%	

CONCLUSION: THE BATCH COMPLIES WITH THE USP28/EP5 SPECIFICATIONS