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TYPICAL ANALYSIS / SPECIFICATION

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

Test	Specification	Result
Description	White crystalline granule or powder	Conforms
Identification	Pass IR positive reaction	Positive
Heavy metals	<10ppm (Pb)	<10ppm
Melting point	164.5°C – 166.5°C	165.3 – 166.1°C
Acidity	Neutrality	Conforms
Clarity of solution	Clarity	Clarity
Related substances	<0.5%	<0.5%
Chloride	<140ppm	<100ppm
Loss on drying	<0.5%	0.09%
Residue on ignition	<0.1%	0.04%
Iron	<40ppm	<40ppm
Assay	>99.0%	99.78
Particle size 100 Mesh		Conforms

Conclusion – It conforms to BPC 1968