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TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : SODIUM SACCHARIN
SHELF LIFE : FIVE YEARS SUBJECT TO CORRECT STORAGE

TEST	RESULT
Appearance	White crystals or a white crystalline powder 20-40 mesh
Identification	Conforms
Melting point	227.1 – 229.4 ⁰ C
Acidity or alkalinity	5.3 ml
Clarity and colour of solution	Colour is clear
Heavy metals	≤10 ppm
O & P-toluenesulphonamide	10 ppm of each
Water	14.25%
Assay	99.23%
Alkalinity	No red colour is produced with phenolphthaleints
Solubility	Conforms
Organic volatile impurities	Conforms
Benzoate and salicylate	Conforms
Arsenic	≤2 ppm
Selenium	≤ 0.003%
Readily carbonisable substance	Conforms
Mesh size	20 – 40 mesh

Conclusion: Material conforms to BP/USP