

# NEWSEED CHEMICAL CO., LIMITED

## SPECIFICATION SODIUM SACCHARIN E954

(20-40MESH, Food Grade)

### Chemical Analysis

TEST	SPECIFICATION
Identification	Positive
Melting point of insolated saccharin °C	226-230
Appearance	White crystals
Solubility	Freely soluble in water, sparingly soluble in Ethanol
Assay %	99.0-101.0
Loss on drying %	≤15
Ammonium salts ppm	≤25
Arsenic ppm	≤3
Benzoate and salicylate	No precipitate or violet color appears
Heavy metals ppm	≤2
Lead ppm	≤1
Free acid or alkali	Complies
Readily carbonizable substances	Not more intensely colored than reference
P-toluene sulfonamide	≤10ppm
O-toluene sulfonamide	≤10ppm
Selenium ppm	≤30
Related substance	Complies
Clarity and color solution	Colorless and clear
Organic volatiles	Complies
PH value	Complies
Benzoic acid-sulfonamide	≤25ppm

### PHYSICAL PROPERTIES

PROPERTIES	SPECIFICATION
Mesh size	20-40mesh

The Quality also meets with the standard of FCC/BP/EP and FAO/WHO/JECFA96/E954

### ADDITIONAL INFORMATION:

Appearance: Sodium Sacharin, approximately 400 times sweet than than sucrose(3%solution).

Storage: Avoiding contact with metals and protected from light.  
Avoid exposure to high temperatures and humidity

Packaging: Bags of 25 kg carton

Solubility in Water: Soluble

Chemical Formula: C<sub>7</sub>H<sub>4</sub>NO<sub>3</sub>Na.2H<sub>2</sub>O

Cas Number: 6155-57-3

E Number: E954

Shelf life: Five years

Application & use: Tabletop sweeteners, Dairy products, Canned goods, Baked goods, Pharmaceutical products, Soft drinks, Confectionery, Fruit-based products, Sauces.