

CERTIFICATE OF ANALYSIS

COA Of USP BP Food Grade Sweetener Type Sodium Saccharin

Identification Positive

Melting point of insolated saccharin °C 226-230

Appearance White crystals

Content %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 ≤ 10

Free acid or alkali Complies with BP /USP/DAB

Readily carbonizable substances Not more intensely colored than reference

P-toluene sulfonamide ≤ 10 ppm

O-toluene sulfonamide ≤ 10 ppm

Selenium ppm ≤ 30

Related substance Complies with DAB

Clarity and color solution Color less clear

Organic volatiles Complies with BP

PH value Complies with BP/USP

Benzoic acid-sulfonamide ≤ 25 ppm