

PRODUCT SPECIFICATION SHEET

Salicylic Acid Powder, 99.5%

USP Grade

Test	Specification	Typical Results
Assay EP (dry basis), %	99.0 – 100.5	100.3
Assay USP (dry basis), %	98.0 – 102.0	99.1
IR spectrum	To Pass Test	Pass
Melting point, °C	158.0 – 161.0	159.8
Location of main assay peak	To Pass Test	Pass
Loss on drying, %	0.5 max.	0.1
Sulfates, %	0.0200 max.	0.0140
Clarity of ethanolic solution	To Pass Test	Pass
Coloration of ethanolic solution, haz	10 max.	<10
Heavy metals, %	0.0020 max.	<0.0010
Chlorides (Cl ⁻), %	0.0100 max.	<0.0100
Residual solvents	None	Pass
Sulphated ash/Residue on ignition, %	0.05 max.	0.01
4-hydroxybenzoic acid, %	0.10 max.	0.04
4-hydroxyisophthalic acid, %	0.05 max.	0.03
Phenol, %	0.01 max.	< 0.01
Total impurities, %	0.20 max.	< 0.12
No other relat. subst. >0.05%	To Pass Test	Pass

Appropriate/legal use of this product is the responsibility of the user