

杭州东瑞医药科技有限公司  
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Salicylic acid

<b>Batch No.:</b> DR20140209	<b>Piece:</b> 2500kg
<b>Manufacture Date:</b> 2014.02.09	<b>Expiry Date:</b> 2017.02.08

**TESTS:**

Items	Specification	Results
Characters	A white crystalline powder or white or colourless, acicular crystals, slightly soluble in water, freely soluble in ethanol (96per cent), sparingly soluble in methylene chloride	white powder
Identification A	Melting point 158°C~161°C	159.1°C~160.2°C
Identification B	The IR spectrum of sample conforms with salicylic acid CRS	Conforms
Appearance of solution	Solution is clear and colourless	Solution is clear and colourless
Related substance	4-hydroxybenzoic acid $\leq 0.1\%$ 4-hydroxyisophthalic acid $\leq 0.05\%$ Phenol $\leq 0.02\%$ Other impurities $\leq 0.05\%$ Total impurities $\leq 0.2\%$	0.01% N,D N,D N,D 0.01%
Chloride	$\leq 100\text{ppm}$	<100ppm
Sulfate	$\leq 200\text{ppm}$	<200ppm
Heavy metals	$\leq 20\text{ppm}$	<20ppm
Loss on drying	$\leq 0.5\%$	0.03%
Sulphate ash	$\leq 0.1\%$	0.03%
Assay	Contains C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> 99.0%~100.5%	99.6%

Conclusion: The results conform to the BP2010.

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