

Acesulfame Potassium

NO.	Items	Specification	Result
1	Solubility in water	Freely soluble	Pass
2	Solubility in ethanol	Slightly soluble	Pass
3	Ultraviolet absorption	225~229nm	Pass
4	Test for potassium	Positive	Pass
5	Precipitation test	Yellow precipitate	Pass
6	Assay content	99.0~101.0%	99.73%
7	Loss on drying (105°C,2h)	%1.0max	0.05%
8	Organic impurities	20mg/kg max	Pass
9	Impurity A	0.125%max	Pass
10	Impurity B	20mg/kg max	Pass
11	Fluoride	3.0mg/kg max	0.27mg/kg
12	Heavy metals	5.0mg/kg max	Pass
13	Arsenic	3.0mg/kg max	Pass
14	Lead	1.0mg/kg max	Pass
15	Selenium	10.0mg/kg max	Pass
16	PH (1 in 100 solution)	5.5~7.5	6.52

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