

آنالیز آسپارتام

Tests	Requirement	Result	Unit	Standard remark
Ph. Eur. 8.2		Conform		
Appearance	(Almost) white, crystalline powder	Conform		Slightly hygroscopic !
Identification B	Conform	Conform		IR-spectrum
Appearance of solution	Clear / $\leq$ GY6	Conform		m/V 0.8%
Conductivity	$\leq$ 30	10	$\mu\text{S} / \text{cm}$	
Specific optical rotation	+14.5, +16.5	+15.5	$^{\circ}$	m/V HCOOH 15N; dried 4%
Related substances	Conform	Conform		HPLC
Impurity A	$\leq$ 1.5	<1.5	%	
Impurity C	$\leq$ 0.5	<0.5	%	
Sum of impurities other than A and C	$\leq$ 1.5	<1.5	%	
Heavy metals	$\leq$ 10	Conform	ppm	
Loss on dryin	$\leq$ 4.5	2.3	%	C105°
Sulphated ash	$\leq$ 0.2	0.0	%	
Residual solvents	CPMP/ICH/283/95	Conform		Data producer
Assay Aspartame	102,0 - 98,0	99,6	m/m%	Dried
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer