



PT Sorini Towa Berlian Corporindo

SORBITOL & OTHER POLYOLS MANUFACTURER

CERTIFICATE OF ANALYSIS

PRODUCT NAME : D-Sorb 80 HM 5.1 (Sorbitol Liquid 70%)

STANDARD COMPLIANCE : BP, EP, USP/NF, FCC, E420 (ii), JECFA, KSFA, JSFA, JP
"STORAGE : Keep at temperature below 25 0C"

TEST ITEM	RESULT	UNIT	SPECIFICATION	TEST METHOD
Description	Passed		Colorless, clear liquid, odorless, and has a sweet taste	Organoleptic
Anhydrous substance	71.2	%	Not less than 68.0% and not more than 72.0%	Karl Fischer
Conductivity	0.11	µs/cm	Not more than 10 µs/cm	Conductivity meter
Reducing sugar	0.079	%	Not more than 0.2%	Titration
Total sugar	3.980	%	Not more than 5.0%	Titration
Heavy metals (as Pb)	0.000	ppm	Not more than 10 ppm	AAS
Lead	0.000	ppm	Not more than 0.5 ppm	AAS
Arsenic	< 1.3	ppm	Not more than 1.3 ppm	AAS
Nickel (Ni)	0.030	ppm	Not more than 1.0 ppm	AAS
Water	28.81	%	Not less than 28.0% and not more than 32.0%	Karl Fischer
Residue on ignition	0.0098	%	Not more than 0.1%	Gravimetry
pH (14%)	6.1		5.0 ~ 7.5	pH meter
Chloride	2.21	ppm	Not more than 50 ppm	Spectrophotometry
Sulphate	3.42	ppm	Not more than 60 ppm	Spectrophotometry
Diethylene glycol*	0.00	%	Not more than 0.1%	GC-MS
Ethyene glycol*	0.00	%	Not more than 0.1%	GC-MS
D-Sorbitol	80.1	%	Not less than 72% and not more than 83%	HPLC
Mannitol	5.3	%	Not less than 5% and not more than 8%	HPLC
Total bacteria	6	cfu/ml	Not more than 300 cfu/ml	Pour Plate Method
Total mould and yeast	4	cfu/ml	Not more than 50 cfu/ml	Pour Plate Method
Coliform	Absent	cfu/ml	Absent	Pour Plate Method

Производство и продажа химии

ООО АКРИХИМФАРМ
+7 (495) 783-91-69
+7 (495) 504-62-46

akrihim@mail.ru
akrihimfarm@mail.ru