

Item Number	CA150
Item	Calcium Hydroxide, Powder, USP, EP, BP, JP
CAS Number	1305-62-0
Molecular Formula	Ca(OH) ₂
Molecular Weight	74.09
MDL Number	
Synonyms	Slaked Lime ; Calcium Oxide, Hydrated

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (USP)	95.0	100.5 %
ASSAY (EP/BP)	95.0	100.5 %
ASSAY (JP)	90.0 %	
LIMIT OF MAGNESIUM AND ALKALI SALTS (USP)		4.8 %
MAGNESIUM AND ALKALI METALS (EP/BP)		4.0 %
MAGNESIUM AND ALKALI METALS (JP)		24 mg
LIMIT OF ACID-INSOLUBLE SUBSTANCES (USP)		0.5 %
MATTER INSOLUBLE IN HYDROCHLORIC ACID (EP/BP)		0.5 %
ACID-INSOLUBLE SUBSTANCES (JP)		25 mg
CARBONATE (USP)	NOT MORE THAN SLIGHT EFFERVESCENCE	
CARBONATES (EP/BP)		5.0 %
CHLORIDES (EP/BP)		330 ppm
SULFATES (EP/BP)		0.4 %
HEAVY METALS (JP)		40 ppm
ARSENIC (JP)		4 ppm
ELEMENTAL IMPURITIES (EP/BP):		
CADMIUM (Cd)		1 ppm
LEAD (Pb)		1 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A (USP A)	FORMS A SMOOTH MAGMA, THE CLEAR SUPERNATANT FROM THE MAGMA IS ALKALINE	

Test	Specification	
	Min	Max
IDENTIFICATION B (USP B)	POSITIVE FOR CALCIUM	
IDENTIFICATION C (EP/BP A)	THE SUSPENSION CHANGES COLOR AS DESCRIBED	
IDENTIFICATION D (EP/BP B)	POSITIVE FOR CALCIUM	
IDENTIFICATION E (JP 1)	MIXTURE IS SLUSHY AND ALKALINE	
IDENTIFICATION F (JP 2)	POSITIVE FOR CALCIUM	
CERTIFIED KOSHER		
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
MONOGRAPH EDITION.		
RESIDUAL SOLVENTS	AS REPORTED	

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