

PRODUCT: POTASSIUM HYDROXIDE FLAKE (POHY) REVISION: 9 DATED: 16/10/17 PAGE 1 OF 6

PRODUCT SPECIFICATION		
Product Name	Potassium Hydroxide Flake	
Alternative Name	Caustic Potash	
Product Grade		
Specification Reference	POHY/7 (17/10/INSK)	
SPECIFICATION		
	Specification	Test Method
% KOH	≥89.5	Acidimetry
% K ₂ CO ₃	≤1	Acidimetry
% Na	≤1	Emission Flame
mg/kg Cl	≤80	Mercurimetry
mg/kg Fe	<4	Ferric Thiocyanate
mg/kg Hg	<0.1	Atomic Absorption
General Properties		
Chemical Formula	KOH	
Molecular Weight	56.11	
Description	Anhydrous, white solid prone to hydration and carbonation on exposure to air. Material is free from any animal and transgenic vegetable origin	
Physical Properties		
Apparent Density at 20°C	0.9°C	
Melting Point Temperature	200°C	
Boiling Point Temperature	370°C	
NOTES		
Exclusion of Liability		
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A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on the handling precautions and emergency procedures. This must be consulted fully before handling, storage and use.		