



**PRODUCT INFO  
& DATASHEET**

TECHNICAL DATASHEET & CERTIFICATE OF ANALYSIS

**POTASSIUM CHLORIDE  
STANDARD GRADE – CRYSTALLISED**

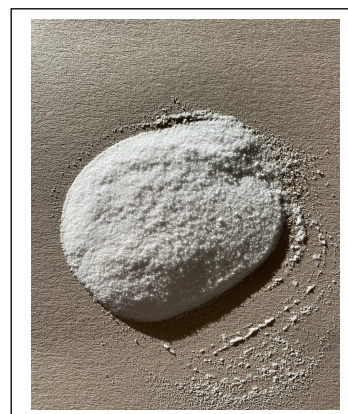
*Origin: Chili*

12/2022

CAS No: 7747-40-7 (contains an Anticaking Agent)

**GENERAL DESCRIPTION**

CHEMICAL FORMULA	KCl
APPEARANCE	white crystals
PRODUCT CODE	MOP-S 59



**CHEMICAL SPECIFICATIONS**

GUARANTEED

POTASSIUM	K2O	%	min. 59 (max. 60 %)
PURITY	KCl	%	min. 93 (max. 95 %)

**CHEMICAL SPECIFICATIONS**

TYPICAL

POTASSIUM	K2O	%	59.5
PURITY	KCl	%	94
SODIUM	Na	%	< 2.0
SULFATE	SO4	%	< 3.0
MAGNESIUM	Mg	%	< 0.2
CALCIUM	Ca	%	< 1.0
INSOLUBLES		%	< 0.1
MOISTURE (4hr at 110°C)	H2O	%	0.3

**TYPICAL SIEVE ANALYSIS**

(CUMULATIVE %)

<u>US Standard Sieve</u>	<u>Tyler</u>	<u>mm</u>	
+35	+32	0.50	8%
+45	+42	0.35	14%
+60	+60	0.25	40%
+80	+80	0.18	56%
+120	+115	0.125	68%
+200	+200	0.074	86%
+230	+250	0.061	90%

**PHYSICAL PROPERTIES**

SOLUBILITY	(in water at 20° C)	≥ 34.5 g/100cm3
DENSITY (bulk)	loose pour / free fall	1.23 ton (metric)/m3
	tapped	1.32 ton (metric)/m3
ANGLE OF REPOSE		34°

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