

Product Specification

POTASSIUM SULFITE SOLUTION 45%

Photographic Grade (ISO 5990-2000)

PRD-No.: 30042357

1. General

This product is produced by BASF SE, Ludwigshafen, Germany. BASF SE, Ludwigshafen, Germany is certified according to ISO 9001.

Appearance:	clear, colourless liquid with a content of about 650 g/l
Chemical Name:	potassium sulfite, K_2SO_3
CAS-Nr.:	10117-38-1
EINECS-Nr.:	233-321-1

2. Properties

Parameter	Unit	Specification	Test method
K_2SO_3	g/100 g	44.5 – 45.5	ISO 5990-2000 (E)
Density	kg/l	1.445 – 1.460	ISO 5990-2000 (E)
Appearance of solution	-	meets	ISO 5990-2000 (E)
Thiosulfate (as $S_2O_3^{2-}$)	g/100 g	max. 0.006	ISO 5990-2000 (E)
pH-value *	-	9.0 – 10.0	ISO 5990-2000 (E)
Heavy metals as Pb	mg/kg	max. 10	ICP-OES
Fe	mg/kg	max. 5	ICP-OES
Reaction with NH_3 / $AgNO_3$ -sol.	-	meets	ISO 5990-2000 (E)
KCl	g/100 g	max. 0.03	IC
K_2SO_4	g/100 g	max. 0.5	IC

* dilution: 1 part solution for 9 parts water

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.