

Specification Sheet

Product Name

Sodium sulfate puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., anhydrous, $\geq 99.0\%$

Product Number

31481

Product Brand

SIGALD

CAS Number

7757-82-6

Molecular Weight

142.04

TEST

SPECIFICATION

TITRATABLE ACID

$\leq 0.05\%$ (AS H₂SO₄)

TITRATABLE BASE

$\leq 0.03\%$ (AS NaOH)

ASSAY

$\geq 99.0\%$
99 - 101.0 % (calc. to dried substance)

PH

5.2 - 8.0 (5 %, 25 DEG C)

TEST	SPECIFICATION
LOSS ON DRYING	$\leq 0.5 \%$ (130 DEG C)
LOSS ON IGNITION	$\leq 0.5 \%$ (800 DEG C)
APPEARANCE OF SOLUTION	Complying
MATTER INSOLUBLE IN WATER	$\leq 0.01 \%$
HEAVY METALS	≤ 5 PPM (AS PB)
ARSEN	$\leq 0.0001 \%$
CALCIUM	≤ 20 ppm
IRON	≤ 5 ppm
POTASSIUM	$\leq 0.01 \%$
MAGNESIUM	≤ 25 ppm

TEST	SPECIFICATION
------	---------------

ZINC	$\leq 0.02 \%$
------	----------------

CHLORIDE (CL)	$\leq 10 \text{ ppm}$
---------------	-----------------------

TOTAL NITROGEN	$\leq 5 \text{ ppm}$
----------------	----------------------

PHOSPHATE (PO4)	$\leq 0.001 \%$
-----------------	-----------------

RECOMMENDED RETEST PERIOD	24 MONTHS
---------------------------	-----------