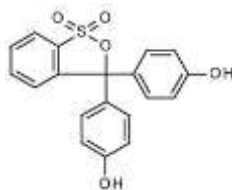


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

PHENOL RED AR



Product Code	T-8007	Grade	Indicator
Purity	-	CAS No	143-74-8
Molecular Formula	C ₁₉ H ₁₄ O ₅ S	Molecular Weight	354,38 g/mol
H.S.Code	-	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Colour	red
Melting point	>300 °C	Solubility in water	0,77 g/l at 100 °C
Partition coefficient: n-octanol/water	log Pow: 3,02		

Packaging

100 gram

Specification

Appearance	Reddish powder
Visual transition range	pH 6.8 (yellow) - 8.2 (Red)
Absorption maxima at pH 6.5 (λ ₁)	430 - 435 nm
Absorption maxima at pH 8.2 (λ ₂)	557 - 560 nm
Loss on drying (at 110 °C)	max 5.0 %
Clarity of solution	passes test

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: H315-H335

Precaution Statement: P261-P264-P271-P280-P302+P352-P304+P340+P314

Labotiq