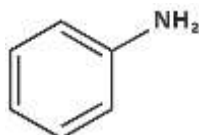


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

ANILINE 99 % EXTRAPURE

Aminobenzene; Benzenamine; Aminophen



Product Code	B-3011	Grade	Extrapure
Purity	99%	CAS No	62-53-3
Molecular Formula	C ₆ H ₅ NH ₂	Molecular Weight	93.13 g/mol
H.S.Code	2921.4100	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	pH value	8.8 at 36 g/l at 20 °C
Boiling Point	184 °C	Melting Point/ Freezing point (°C)	-6°C
Vapour Density	3.22	Flash point	70 °C
Solubility in water	Soluble	Vapour pressure (20 °C)	0.37 mmHg at 20 °C
Explosion limits-lower (%)	1.30 %	Density (g/cm ³)	1,022 g/cm ³ at 25 °C
Auto ignition temperature (°C)	615°C	Explosion limits – upper (%)	23%
Partition coefficient Log Pow octanol / water at 20°C	0.91	Decomposition temperature	190 °C

Packaging

500 ml

Specification

Appearance

colorless, oily, yellowish, transparent liquid, tending to be darker after being stocked (colorless to dark yellow, colorless to dark brown -yellow, darkens to a reddish-brown color on storage

Assay (GC)

min 99.0 %

 Water (H₂O by KF)

max 0.2 %

Wt.per.ml at 20 °C

 1.020 – 1.025 g/cm³

Ash content

max 0.02 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS06, GHS08, GHS09

Signal Word: Danger

UN No.: 1547

IMCO Class No.: 6.1

Packing Group: II

Hazardous Statement: H301+H311+ H331-H317-H318- -H341-H351-H372-H410

Precaution Statement: P201- P261-P273-P280-P301 + P310+P330