o2si smart solutions®

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ACCREDITED

ISO 17025 Accredited Chemical Testing Lab
Cert. No. 3031.01

Date Received: _____

Certificate of Analysis

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
110175-05 -5PAK	335646	≤ -10 ºC	Methylene Chloride	12-Feb-2022	Custom Nitros Mix, 25-91, 10 mg/L, 5 x 1.2 ml

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration	
1-chloro-2,4-dinitrobenzene	97-00-7	99.9	2134.7.1P	9.99 ± .14	mg/L
2-chloro-6-nitrotoluene	83-42-1	99.9	3014.1.1P	9.99 ± .17	mg/L
4-chloro-3-nitroaniline	635-22-3	99.9	3515.7.1P	9.99 ± .17	mg/L
4-chloro-2-nitroaniline	89-63-4	99.9	1695.7.1P	10.09 ± .17	mg/L
1-chloro-3-nitrobenzene	121-73-3	99.7	946.7.1P	9.823 ± .14	mg/L
1-chloro-4-nitrobenzene	100-00-5	99.9	1428.9.1P	9.842 ± .17	mg/L
4-chloro-2-nitrotoluene	89-59-8	99.9	1682.7.2P	9.99 ± .17	mg/L
2,3-dichloronitrobenzene	3209-22-1	99.6	2072.9.1P	9.96 ± .17	mg/L
2,4-dichloronitrobenzene	611-06-3	99.3	2073.1.1P	10.13 ± .17	mg/L
2,5-dichloronitrobenzene	89-61-2	99.8	1429.1.1P	9.98 ± .17	mg/L
3,4-dichloronitrobenzene	99-54-7	99.8	1430.1.1P	10.08 ± .17	mg/L
3,5-dichloronitrobenzene	618-62-2	99.7	1898.1.1P	10.07 ± .17	mg/L
1,2-dinitrobenzene	528-29-0	99.8	86.7.2P	9.833 ± .14	mg/L
1,3-dinitrobenzene	99-65-0	100	313.7.2P	9.852 ± .14	mg/L
1,4-dinitrobenzene	100-25-4	99.5	907.1.2.1P	9.901 ± .17	mg/L
2,3-dinitrotoluene	602-01-7	99.9	2853.1.1P	9.842 ± .17	mg/L

Amanda Frazier

Certified By: _____

Amanda Frazier
Manufacture Date 8-Feb-2018

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.
This Reference Material was manufactured, produced, and/or certified under a quality management system that is accredited to ISO 17034 and ISO/IEC 17025.

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

The stated uncertainty is the expanded uncertainty with a coverage factor of two to give a 95% confidence level.

Certificate of Analysis

Catalog No.: 110175-05-5PAK **Lot No.:** 335646 **Expiration Date:** 12-Feb-2022

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration	
2,4-dinitrotoluene	121-14-2	100	87.7.2.1P	9.852 ± .17	mg/L
2,6-dinitrotoluene	606-20-2	100	88.7.1.1P	10.15 ± .17	mg/L
3,4-dinitrotoluene	610-39-9	99.9	617.1.1P	9.842 ± .17	mg/L
nitrobenzene	98-95-3	99.5	94.29.1.1P	9.901 ± .17	mg/L
2-nitrotoluene	88-72-2	99.7	615.8.1P	9.823 ± .17	mg/L
3-nitrotoluene	99-08-1	99.2	625.1.1P	10.16 ± .17	mg/L
4-nitrotoluene	99-99-0	99.9	403.1.2.1P	9.941 ± .17	mg/L
pentachloronitrobenzene	82-68-8	95	95.286.1P	10.07 ± .17	mg/L
1-chloro-2-nitrobenzene	88-73-3	99.9	1427.9.1P	10.14 ± .17	mg/L

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